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Contents

Behavioral Risk Factor Surveillance, 1988

Abortion Surveillance, 1986-1987

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<i>Campylobacter</i>	CID	1988; Vol. 37, No. SS-2
Coal Workers' Health (see also Mining)	NIOSH	1985; Vol. 34, No. 1SS
Congenital Malformations, Minority Groups	CEHC	1988; Vol. 37, No. SS-3
Dengue	CID	1985; Vol. 34, No. 2SS
Dental Caries and Periodontal Disease Among Mexican-American Children	CPS	1988; Vol. 37, No. SS-3
Ectopic Pregnancy	CCDHP	1989; Vol. 38, No. SS-2
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Gonorrhea and Salpingitis, Teenagers	CPS, CID	1983; Vol. 32, No. 3SS
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Hysterectomy	CCDHP	1986; Vol. 35, No. 1SS
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Drownings	CEHC	1988; Vol. 37, No. SS-1
Falls, Deaths	CEHC	1988; Vol. 37, No. SS-1
Firearm-Related Deaths, Unintentional	CEHC	1988; Vol. 37, No. SS-1
In the Home, Persons Under 15 Years of Age	CEHC	1988; Vol. 37, No. SS-1
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Tap Water Scalds	CEHC	1988; Vol. 37, No. SS-1
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Malformations (see also Birth Defects)	CEHC	1985; Vol. 34, No. 2SS
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National Infant Mortality	CCDHP	1989; Vol. 38, No. SS-3
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Occupational Injuries/Disease		
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Ovarian Cancer (see Endometrial and Ovarian Cancer)		
Pediatric Nutrition	CCDHP	1983; Vol. 32, No. 4SS
Pelvic Inflammatory Disease	CPS	1983; Vol. 32, No. 4SS

*All abbreviations are listed at end of inventory.

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in the *MMWR Surveillance Summaries* – Continued**

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Plague	CID	1985; Vol. 34, No. 2SS
Plague, American Indians	CID	1988; Vol. 37, No. SS-3
Pneumoconiosis, Coal Miners	NIOSH	1983; Vol. 32, No. 1SS
Pregnancy, Teenage	CCDPHP	1987; Vol. 36, No. 1SS
Psittacosis	CID	1983; Vol. 32, No. 1SS
Rabies	CID	1989; Vol. 38, No. SS-1
Reye Syndrome	CID	1984; Vol. 33, No. 3SS
Rocky Mountain Spotted Fever	CID	1984; Vol. 33, No. 3SS
Rubella and Congenital Rubella	CPS	1984; Vol. 33, No. 4SS
<i>Salmonella</i>	CID	1988; Vol. 37, No. SS-2
Salpingitis (see Gonorrhea and Salpingitis)		
Sudden Unexplained Death Syndrome Among Southeast Asian Refugees	CEHIC, CPS	1987, Vol. 36, No. 1SS
Suicides, Persons 15-24 Years of Age	CEHIC	1988; Vol. 37, No. SS-1
Summer Mortality	CEH	1983; Vol. 32, No. 1SS
Toxic-Shock Syndrome	CID	1984; Vol. 33, No. 3SS
Trichinosis	CID	1988; Vol. 37, No. SS-5
Tubal Sterilization Among Women	CCDPHP	1983; Vol. 32, No. 3SS
Water-Related Disease	CID	1990; Vol. 39, No. SS-1

Abbreviations

CCDPHP	Center for Chronic Disease Prevention and Health Promotion
CEHIC	Center for Environmental Health and Injury Control
CID	Center for Infectious Diseases
CIO	Centers/Institute/Offices
CPS	Center for Prevention Services
EPO	Epidemiology Program Office
NIOSH	National Institute for Occupational Safety and Health

Behavioral Risk Factor Surveillance, 1988

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Summary

In 1988, 36 states (including the District of Columbia) participated in the Behavioral Risk Factor Surveillance System (BRFSS). This report provides state-specific estimates of the prevalence of certain health-risk behaviors and of the delivery of clinical preventive services as measured by the BRFSS during 1988. Because estimates vary considerably from state to state, national estimates are not always suitable for states to use in planning local programs. Therefore, the BRFSS will continue to provide state-specific data about health behaviors and the use of preventive health services. These data can be used to monitor trends in health behaviors that affect the burden of chronic diseases in the United States and to assess progress toward the year 2000 objectives for the nation.

INTRODUCTION

In 1981, CDC, in collaboration with state health departments, began to conduct a system of telephone surveys about health behaviors to provide state-level data to track the progress of programs intended to affect health behavior and to support major public health initiatives, such as legislation concerning mandatory use of seatbelts, drinking and driving, and cigarette taxation. Between 1981 and 1983, 25 state health departments conducted telephone surveys using CDC's training, coordination, and standard methods. In 1984, these surveys evolved into the Behavioral Risk Factor Surveillance System (BRFSS) (1).

By 1988, when the BRFSS completed its fifth year, 36 states and the District of Columbia were collecting data on health behaviors and the delivery of clinical preventive services. Currently, 45 states and the District of Columbia are conducting these surveys for the 1990 cycle of BRFSS data collection (Appendix 2). This report summarizes data for 1988.

METHODS

Sampling

With the use of the multistage-cluster-design procedure, based on the Waksberg method of random-digit dialing (2), adult respondents were randomly selected from

*See Appendix 1.

noninstitutionalized residents who had telephones. Telephone numbers were randomly generated by using the first eight digits of the 10-digit telephone numbers. A cluster of 100 numbers was randomly generated by using the last two digits of the telephone numbers. Clusters were then screened by calling the first randomly selected telephone number. If the number was for a private residence, the entire cluster of 100 numbers was accepted. If the number was not for a private residence or was not working, the entire cluster was rejected. This screening procedure improved the efficiency of the surveys by accepting clusters with a higher probability of having residential numbers.

After a cluster was accepted, numbers were sequentially dialed from the randomly ordered list until three interviews were completed for each cluster. Interviewers made up to 20 attempts to contact a respondent at a given number before replacing it with the next telephone number. After contacting a household, the interviewer randomly selected a resident ≥ 18 years of age. If the person selected was not available at the time of the initial call, subsequent calls were made according to a specified protocol until the interview was completed. Interviews were conducted during a 7- to 10-day period every month.

Questionnaire

The questionnaire had three components: 1) a core of questions asked by all states, 2) standardized modules of questions developed by CDC that are added after the core questions at each state's discretion, and 3) questions developed by individual states to meet specific needs. When possible, questions were adopted from national surveys, such as the National Health and Nutrition Examination Surveys and the National Health Interview Surveys, to allow states to make comparisons with national estimates.

Data Processing and Analysis

When the interview cycle was completed each month, the data were sent to CDC for editing. Twenty states used computer-assisted telephone interviewing (CATI), which permitted direct entry of data into a computer file. CATI facilitated interviewer monitoring, data coding and entry, and quality-control procedures. After being edited, the data were weighted to the age-, race-, and sex-specific population counts from the most current census in each state, as well as for the respondent's probability of selection (3). The prevalence estimates for this report were computed by using these sampling weights. SESUDAAN (4), a procedure for analyzing complex sample-survey data, was used to calculate the standard errors for the prevalence estimates.

Definitions of Risk Factors

Overweight was defined as a body mass index ($BMI = \text{weight}[\text{kg}] / \text{height}[\text{m}^2]$) ≥ 27.8 for men and ≥ 27.3 for women. These values represent the sex-specific 85th percentile of BMI for U.S. 20- to 29-year-olds, estimated from the Second National Health and Nutrition Examination Survey.

Sedentary life-style was defined as less than three 20-minute sessions of leisure-time physical activity per week.

Persons who had smoked at least 100 cigarettes were defined as "ever smokers." *Current smokers* were defined as persons who had smoked at least 100 cigarettes and who currently smoked. The *quit ratio* was defined as the percentage of ever smokers who did not smoke at the time of the interview.

Binge drinking was defined as having consumed five or more alcoholic beverages on a single occasion at least once during the past month. *Heavier drinking* was defined as having consumed 60 or more drinks in the past month. *Drinking and driving* was defined as having driven after drinking too much at least once in the last month.

Seatbelt nonusers were defined as persons who reported that they sometimes, seldom, or never wore seatbelts.

Definitions of Preventive Services

All persons were asked if they had ever had their cholesterol level measured. Those who responded yes were defined as ever having their cholesterol checked. Persons who have had their cholesterol checked were asked if they had ever been told their cholesterol level in numbers. Persons who were able to report a number were defined as knowing their cholesterol level.

Women were asked if they had ever had a mammogram. Those who responded yes were defined as ever having a mammogram.

RESULTS

Behavioral Risk Factors

Overweight

The prevalence of being overweight varied nearly twofold, from 14.7% in New Mexico to 28.0% in Wisconsin (median = 20.9%) (Table 1). The prevalence increased with increasing age until age 64 and then declined (median prevalences: 18-34 years = 13.7%, 35-49 years = 23.8%, 50-64 years = 29.8%, and ≥ 65 years = 23.4%). In most states, the median prevalence of being overweight was similar for men and for women.

Sedentary life-style

The prevalence of sedentary life-style ranged from a low of 45.3% in Washington to a high of 73.6% in New York (median = 58.0%) (Table 2). On the basis of median prevalences, the majority of persons in all age groups were sedentary (median prevalences: 18-34 years = 53.3%, 35-49 years = 58.2%, 50-64 years = 62.2%, and ≥ 65 years = 67.1%). In most states, the median prevalences of sedentary life-style were similar for men and for women.

Cigarette smoking

The prevalence of current cigarette smoking varied more than twofold, from 14.7% in Utah to 34.4% in Kentucky (median = 24.7%) (Table 3). The median prevalence of current smoking declined substantially after age 65 years (median prevalences: 18-34 years = 26.2%, 35-49 years = 29.6%, 50-64 years = 24.8%, and ≥ 65 years = 12.9%). The median prevalences of current smoking for men and women were 25.7% and 23.5%, respectively.

The prevalence of ever smoking varied widely by state, from 33.9% in Utah to 57.9% in New Hampshire (median = 48.7%) (Table 4). The median prevalence of ever smoking increased with increasing age until age 64 and then declined (median prevalences: 18-34 years = 41.1%, 35-49 years = 56.2%, 50-64 years = 60.0%, and ≥ 65 years = 47.2%). The median prevalence of ever smoking was substantially higher for men than for women (median prevalences: men = 56.8%, women = 43.1%).

The quit ratio ranged from a low of 37.8% in Kentucky to a high of 58.6% in Montana (median = 50.5%) (Table 5). The quit ratio increased with increasing age (median ratios: 18-34 years = 37.2%, 35-49 years = 47.0%, 50-64 years = 57.5%, and ≥ 65 years = 71.1%). The median quit ratio was substantially higher for men than for women (median ratios: men = 54.2%, women = 44.6%).

Alcohol use

The prevalence of binge drinking varied more than threefold, from 7.1% in the District of Columbia to 25.3% in Wisconsin (median = 15.3%) (Table 6). The median prevalence of binge drinking decreased substantially with increasing age (median prevalences: 18-34 years = 25.1%, 35-49 years = 14.0%, 50-64 years = 8.1%, and ≥ 65 years = 2.5%). Men were more than three times more likely to be heavier drinkers than were women (median prevalences: men = 24.6%, women = 7.2%).

Heavier drinking varied nearly threefold, from 3.3% in North Dakota to 10.8% in New Hampshire (median = 5.8%) (Table 7). The median prevalence of heavier drinking decreased with increasing age (median prevalences: 18-34 years = 7.6%, 35-49 years = 5.7%, 50-64 years = 4.8%, and ≥ 65 years = 2.3%). Men were more than six times more likely to be heavier drinkers than women (median prevalences: men = 10.2%, women = 1.6%).

Drinking and driving varied more than fourfold, from 1.4% in Kentucky to 6.2% in Wisconsin (median = 3.2%) (Table 8). The median prevalence of drinking and driving decreased with increasing age (median prevalences: 18-34 years = 5.9%, 35-49 years = 2.4%, 50-64 years = 0.8%, and ≥ 65 years = 0.0%). Men were more than four times more likely to drink and drive than were women (median prevalences: men = 5.3%, women = 1.2%).

Seatbelt nonuse

Seatbelt nonuse showed the most extreme variation (tenfold), from 6.5% in Hawaii to 67.4% in South Dakota (median 30.1%) (Table 9). The median prevalence of seatbelt nonuse decreased with increasing age (median prevalences: 18-34 years = 33.3%, 35-49 years = 31.0%, 50-64 years = 27.1%, and ≥ 65 years = 23.1%). The median prevalences of seatbelt nonuse for men and women were 36.7% and 24.7%, respectively.

Clinical Preventive Services

Cholesterol screening

The percentage of adults who reported ever having their cholesterol checked ranged from 41.3% in New Mexico to 58.2% in Maine (median = 49.8%) (Table 10). The median percentage increased with increasing age (median prevalences: 18-34 years = 30.3%, 35-49 years = 53.6%, 50-64 years = 68.9%, and ≥ 65 years = 70.4%). The median percentage was similar for men and for women.

The percentage of adults who had ever been told their cholesterol level varied more than twofold, from 17.8% in South Carolina to 39.6% in Wisconsin (median = 28.7%) (Table 11). The median percentage was lowest among young adults (median prevalences: 18-34 years = 14.7%, 35-49 years = 33.7%, 50-64 years = 41.9%, and ≥ 65 years = 37.2%). The median percentage was similar for men and for women.

The percentage of adults who reported knowing their cholesterol level varied threefold, from 6.8% in the District of Columbia to 22.7% in Michigan (median =

13.2%) (Table 12). The median percentage was lowest among young adults (median prevalences: 18-34 years = 5.5%, 35-49 years = 15.9%, 50-64 years = 21.7%, and ≥ 65 years = 20.4%). The median percentage was similar for men and for women.

Mammography

Seventeen states used the standard module of questions about mammography. Among women 40-49 years of age, the percentage who reported ever having a mammogram ranged from 41.5% in Nebraska to 67.5% in Maine (median 53.3%) (Table 13). Among women 50-64 years of age, the percentage who reported ever having a mammogram ranged from 46.6% in Indiana to 79.5% in New Hampshire (median 59.8%). Among women ≥ 65 years, the percentage who reported ever having a mammogram ranged from 30.6% in South Carolina to 64.5% in California (median = 48.5%). Among all women ≥ 40 years, the percentage who reported ever having a mammogram ranged from 42.0% in South Carolina to 67.5% in New Hampshire (median = 54.0%).

DISCUSSION

Data from the BRFSS have consistently shown that self-reported behavioral risk factors vary widely among reporting states (5-6). Because of this variation, state-specific data are useful in setting appropriate health objectives at the state level. For example, in 1988 the prevalence of smoking in Utah (14.7%) was well below the 1990 objective for the nation (25%) (7), whereas the prevalence in Kentucky (34.4%) was well above the 1990 objective.

Self-reported alcohol consumption has been shown to be related to other measures of alcohol use and to rates of alcohol-related disease. Per capita alcohol consumption based on BRFSS data correlates well with estimates of per capita consumption based on sales data (8). Self-reported alcohol consumption has been shown to be related to the risk of fatal injury (9), and estimates of the prevalences of drinking and driving and of binge drinking based on the BRFSS estimates have been positively correlated with rates of alcohol-related motor vehicle crashes (10).

Analysis of the changes in the BRFSS estimates of drinking and driving and of binge drinking between 1982 and 1985 in 10 states suggested that some progress had been made in reducing these health risk behaviors (11). Analyses are planned in which BRFSS data will be used to examine trends in high-risk alcohol use through the year 1989.

Estimates of self-reported seatbelt use based on BRFSS data have been shown to correlate with observed use in 15 states studied (12). Analysis of the temporal trends in seatbelt use in relation to mandatory seatbelt legislation is under way.

Estimates of cholesterol screening from the BRFSS are similar to estimates from the cholesterol-awareness survey conducted jointly by the National Heart, Lung, and Blood Institute and the Food and Drug Administration during 1986. In the 1986 survey, an estimated 46% of adults had their cholesterol measured (13). Similarly, based on BRFSS data, the median percentage of adults who had their cholesterol measured was 46.6% in 1987 and 49.8% in 1988. A detailed analysis of changes in cholesterol screening and awareness between 1987 and 1988 based on BRFSS data has been published (14).

BRFSS data on mammography are useful for monitoring changes in the delivery of this preventive service. BRFSS data have shown that the percentage of women ≥ 50

years of age who reported having a screening mammogram in the preceding 12 months increased substantially in 1987 (15). However, this upward trend in the use of screening mammograms was not uniform for all states (16), and the increase in the use of screening mammograms was lowest among women who were in low-income groups or who were elderly (17).

The BRFSS will continue to provide state-specific data about health behaviors and the use of preventive health services that can reduce the burden of chronic diseases in the United States. These data will be used to assess state-specific progress toward the 1990 and year 2000 objectives for the nation. If specific objectives for the nation have not been developed (e.g., drinking and driving), state health departments may wish to use BRFSS data to set appropriate objectives and to monitor trends in related behaviors.

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TABLE 1. Prevalence of being overweight* in selected states, by System, 1988

State	18-34		35-49		50-64	
	%	($\pm 95\%$ CI) [†]	%	($\pm 95\%$ CI)	%	($\pm 95\%$ CI)
Alabama	15.0	(3.3)	28.8	(5.1)	26.9	(5.4)
Arizona	13.1	(3.6)	22.5	(4.8)	29.4	(7.5)
California	13.5	(2.6)	24.3	(3.7)	32.2	(5.3)
Connecticut	13.2	(3.6)	18.9	(4.4)	30.4	(7.6)
Dist. of Col.	12.9	(3.4)	24.6	(5.6)	40.5	(7.8)
Florida	14.8	(4.0)	29.0	(5.2)	30.3	(5.5)
Georgia	8.8	(2.1)	23.0	(6.3)	26.6	(9.2)
Hawaii	14.7	(3.2)	18.7	(3.9)	19.4	(6.2)
Idaho	11.4	(3.1)	20.5	(4.0)	25.9	(5.2)
Illinois	16.2	(3.2)	23.4	(4.2)	35.7	(6.2)
Indiana	14.2	(2.9)	29.4	(4.0)	32.9	(5.0)
Iowa	11.1	(4.3)	21.7	(6.5)	29.8	(8.2)
Kentucky	15.3	(3.3)	30.1	(5.0)	27.5	(5.3)
Maine	14.3	(3.7)	23.8	(4.9)	31.0	(6.3)
Maryland	11.4	(3.5)	22.3	(5.0)	25.8	(7.4)
Massachusetts	12.5	(3.1)	21.0	(4.4)	37.1	(7.7)
Michigan	16.6	(3.7)	27.6	(4.9)	33.5	(6.8)
Minnesota	12.1	(2.0)	25.2	(3.1)	31.3	(4.1)
Missouri	14.5	(3.5)	26.8	(5.1)	29.1	(6.2)
Montana	11.2	(3.8)	15.8	(4.1)	24.0	(5.6)
Nebraska	13.5	(3.5)	29.1	(5.3)	30.2	(6.1)
New Hampshire	14.7	(3.8)	23.3	(5.2)	25.0	(6.4)
New Mexico	9.2	(3.3)	18.7	(4.9)	21.3	(5.8)
New York	12.9	(4.1)	20.8	(4.9)	30.9	(6.5)
North Carolina	14.9	(3.3)	25.3	(4.7)	26.8	(5.6)
North Dakota	16.5	(3.3)	25.4	(4.5)	31.7	(6.5)
Ohio	13.3	(3.1)	26.6	(4.9)	32.8	(6.3)
Oklahoma	13.9	(4.3)	19.3	(5.2)	25.3	(6.7)
Rhode Island	8.8	(2.5)	20.4	(4.5)	30.8	(5.8)
South Carolina	14.8	(3.1)	25.7	(4.1)	27.0	(5.1)
South Dakota	16.4	(4.1)	28.1	(6.1)	30.1	(6.4)
Tennessee	13.7	(2.5)	21.1	(3.5)	28.8	(4.7)
Texas	11.2	(3.3)	24.0	(5.2)	26.0	(7.5)
Utah	11.5	(2.7)	19.5	(4.4)	26.1	(6.3)
Washington	15.2	(3.7)	22.2	(4.8)	30.0	(6.4)
West Virginia	17.0	(4.0)	31.4	(4.6)	29.4	(5.0)
Wisconsin	14.9	(3.5)	29.5	(5.0)	34.2	(6.7)
Median						
prevalence	13.7		23.8		29.8	

*Defined as body mass index ≥ 27.8 for males and ≥ 27.3 for females.

[†]Confidence interval.

s, by age group and sex—Behavioral Risk Factor Surveillance

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≥ 65		Men		Women		Total	
%	(± 95% CI)	%	(± 95% CI)	%	(± 95% CI)	%	(± 95% CI)
25.6	(5.6)	22.0	(3.3)	23.0	(3.3)	22.5	(2.4)
23.0	(6.0)	20.1	(4.0)	19.9	(3.3)	20.0	(2.6)
22.0	(4.8)	22.7	(2.9)	19.2	(2.5)	20.9	(1.9)
23.0	(5.9)	19.5	(3.8)	19.8	(3.3)	19.7	(2.5)
27.5	(6.7)	19.7	(4.0)	25.7	(3.8)	23.0	(2.8)
19.4	(4.2)	23.3	(3.7)	21.4	(2.9)	22.3	(2.3)
39.5	(14.5)	18.0	(4.4)	19.5	(4.4)	18.8	(3.1)
12.5	(4.9)	17.4	(3.2)	15.3	(2.9)	16.4	(2.2)
22.5	(4.4)	18.7	(3.1)	17.0	(2.5)	17.9	(2.0)
23.2	(5.3)	23.1	(3.4)	22.3	(2.9)	22.7	(2.2)
30.2	(4.7)	25.7	(3.1)	22.8	(2.7)	24.1	(2.1)
27.4	(7.1)	23.6	(5.1)	16.9	(3.9)	20.1	(3.1)
26.1	(4.7)	23.2	(3.4)	22.9	(2.9)	23.0	(2.2)
22.6	(5.5)	24.2	(4.1)	19.1	(3.0)	21.5	(2.5)
25.2	(6.6)	20.2	(4.3)	17.5	(3.2)	18.8	(2.7)
27.1	(5.6)	26.5	(3.9)	16.9	(2.9)	21.4	(2.5)
24.2	(6.8)	24.6	(4.0)	23.5	(3.4)	24.0	(2.6)
25.9	(3.6)	22.8	(2.3)	19.1	(2.0)	20.9	(1.5)
29.1	(5.6)	25.6	(4.0)	20.7	(2.9)	23.0	(2.4)
16.8	(5.1)	19.0	(3.8)	12.3	(2.6)	15.6	(2.3)
26.8	(5.2)	24.1	(3.8)	21.0	(3.0)	22.5	(2.4)
20.3	(6.3)	20.7	(3.6)	18.5	(3.1)	19.5	(2.4)
15.4	(5.3)	15.4	(3.5)	14.1	(3.0)	14.7	(2.3)
26.4	(7.3)	22.7	(4.2)	19.3	(3.4)	20.8	(2.7)
20.9	(4.8)	20.2	(3.5)	20.9	(2.9)	20.6	(2.2)
28.4	(4.9)	24.9	(3.4)	21.8	(3.1)	23.3	(2.3)
23.2	(5.3)	23.6	(3.9)	20.5	(2.8)	21.9	(2.4)
17.9	(6.7)	19.3	(4.5)	16.8	(3.3)	18.0	(2.7)
21.8	(4.2)	22.2	(3.5)	14.7	(2.2)	18.2	(2.0)
26.7	(5.3)	21.7	(3.2)	21.4	(2.7)	21.5	(2.1)
23.7	(5.2)	24.0	(4.0)	21.8	(3.6)	22.9	(2.7)
23.4	(4.2)	21.0	(2.8)	19.3	(2.2)	20.1	(1.7)
20.2	(6.0)	17.2	(4.4)	19.8	(3.5)	18.6	(2.7)
14.4	(5.1)	19.8	(3.6)	16.8	(3.1)	18.2	(2.4)
18.4	(5.2)	21.3	(3.8)	19.5	(3.1)	20.4	(2.4)
26.0	(5.0)	28.6	(4.0)	20.6	(2.7)	24.4	(2.4)
27.8	(6.2)	25.5	(4.1)	30.3	(4.1)	28.0	(2.9)
23.4		22.2		19.8		20.9	

TABLE 2. Prevalence of sedentary life-style* in selected states, by System, 1988

State	18-34		35-49		50-64		%
	%	($\pm 95\%$ CI) [†]	%	($\pm 95\%$ CI)	%	($\pm 95\%$ CI)	
Alabama	53.5	(5.1)	61.8	(5.1)	58.9	(5.9)	60.7
Arizona	53.5	(5.3)	54.9	(6.0)	53.5	(7.4)	48.3
California	45.7	(3.8)	51.3	(4.0)	50.2	(5.9)	51.1
Connecticut	52.0	(5.3)	54.3	(6.0)	62.2	(7.7)	69.3
Dist. of Col.	58.0	(5.2)	61.9	(6.5)	78.5	(6.1)	84.1
Florida	49.3	(5.4)	55.2	(5.5)	56.5	(6.2)	51.4
Georgia	53.5	(3.7)	62.7	(5.9)	70.2	(9.1)	83.3
Hawaii	49.6	(4.9)	56.3	(5.0)	57.5	(6.9)	54.3
Idaho	47.7	(4.6)	52.7	(4.9)	52.0	(6.1)	56.8
Illinois	51.8	(4.6)	59.7	(4.8)	61.7	(6.2)	65.5
Indiana	55.2	(4.3)	58.5	(4.4)	64.0	(4.9)	70.1
Iowa	54.5	(6.3)	57.9	(8.0)	56.7	(8.7)	68.4
Kentucky	61.4	(4.5)	68.3	(4.8)	71.5	(5.3)	73.7
Maine	52.7	(5.4)	56.0	(5.2)	66.1	(6.6)	66.0
Maryland	62.2	(6.0)	63.0	(6.2)	64.0	(7.7)	74.6
Massachusetts	45.3	(4.6)	53.0	(5.5)	57.3	(7.4)	66.2
Minnesota	46.7	(3.1)	55.9	(3.3)	58.0	(4.4)	62.0
Missouri	55.2	(5.2)	53.3	(5.6)	65.1	(6.6)	68.7
Montana	39.6	(5.5)	48.3	(6.0)	50.6	(6.7)	57.0
Nebraska	55.6	(5.1)	59.3	(5.7)	62.2	(6.3)	71.0
New Hampshire	49.4	(5.6)	56.8	(5.5)	59.4	(7.5)	64.7
New Mexico	46.0	(6.0)	52.8	(6.2)	53.9	(7.1)	64.5
New York	69.6	(5.6)	68.7	(5.5)	78.0	(6.7)	84.0
North Carolina	56.6	(4.9)	65.1	(4.8)	70.6	(5.4)	73.4
North Dakota	51.4	(4.6)	56.2	(4.8)	62.7	(6.4)	68.0
Ohio	59.6	(4.7)	60.8	(5.5)	67.9	(6.2)	69.6
Oklahoma	53.2	(6.4)	63.8	(6.1)	57.2	(7.9)	71.5
Rhode Island	57.0	(4.5)	62.7	(5.2)	69.4	(5.7)	78.8
South Carolina	63.1	(4.3)	66.8	(4.6)	64.4	(5.4)	70.6
South Dakota	46.0	(5.7)	62.6	(6.2)	64.9	(6.3)	65.1
Tennessee	63.6	(3.8)	66.5	(4.0)	70.8	(4.6)	73.5
Texas	54.9	(5.2)	60.6	(5.5)	65.8	(7.3)	64.6
Utah	47.3	(4.7)	50.5	(5.1)	48.2	(7.2)	56.8
Washington	38.9	(5.0)	45.6	(5.6)	50.9	(7.0)	53.1
West Virginia	61.6	(4.9)	64.6	(4.8)	70.5	(4.7)	72.3
Wisconsin	51.3	(5.0)	52.8	(5.4)	56.4	(7.0)	62.5
Median prevalence	53.3		58.2		62.2		67.1

*Defined as less than three 20-minute sessions of leisure-time physical activity per week.

[†]Confidence interval.

≥65		Men		Women		Total	
%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
60.7	(6.4)	56.6	(4.4)	57.1	(3.7)	57.8	(2.9)
48.3	(7.5)	49.6	(4.8)	56.2	(4.1)	53.0	(3.2)
51.1	(5.7)	50.0	(3.4)	47.7	(3.0)	48.8	(2.3)
69.3	(6.7)	56.5	(4.8)	58.6	(4.1)	57.6	(3.2)
84.1	(6.1)	63.8	(5.0)	69.1	(4.0)	66.7	(3.2)
51.4	(5.2)	50.9	(4.2)	54.2	(3.9)	52.6	(2.9)
83.3	(9.9)	59.2	(4.7)	64.0	(4.1)	61.7	(3.2)
54.3	(7.5)	48.2	(4.6)	58.4	(3.9)	53.3	(3.0)
56.8	(5.6)	51.4	(4.2)	50.6	(3.4)	51.0	(2.7)
65.5	(5.7)	58.1	(4.2)	57.5	(3.6)	57.8	(2.7)
70.1	(4.8)	59.9	(3.8)	60.4	(3.0)	60.2	(2.4)
68.4	(7.4)	60.9	(5.9)	55.9	(4.8)	58.3	(3.7)
73.7	(4.9)	65.2	(4.0)	68.7	(3.1)	67.1	(2.5)
66.0	(6.4)	61.7	(4.7)	55.7	(3.8)	58.6	(2.9)
74.6	(6.5)	62.2	(5.2)	66.3	(4.3)	64.4	(3.5)
66.2	(6.7)	50.9	(4.6)	54.7	(3.9)	52.9	(3.0)
62.0	(4.2)	54.8	(2.8)	52.3	(2.4)	53.5	(1.9)
68.7	(5.9)	59.4	(4.5)	58.7	(3.7)	59.0	(3.0)
57.0	(6.5)	48.1	(4.9)	44.8	(4.3)	46.4	(3.3)
71.0	(5.2)	59.7	(4.5)	61.2	(3.8)	60.5	(2.9)
64.7	(7.4)	57.0	(4.8)	54.0	(4.4)	55.4	(3.2)
64.5	(8.2)	51.3	(5.5)	52.3	(4.4)	51.8	(3.7)
84.0	(5.8)	73.5	(4.8)	73.7	(3.9)	73.6	(3.1)
73.4	(5.3)	60.6	(4.4)	66.5	(3.3)	63.7	(2.7)
68.0	(5.0)	59.3	(4.0)	55.6	(3.4)	57.5	(2.7)
69.6	(5.9)	62.6	(4.4)	63.4	(3.6)	63.1	(2.9)
71.5	(7.5)	58.2	(5.9)	61.1	(4.3)	59.7	(3.7)
78.8	(4.3)	61.9	(4.0)	67.3	(3.4)	64.8	(2.6)
70.6	(5.5)	65.0	(3.9)	65.8	(3.3)	65.4	(2.6)
65.1	(5.7)	62.1	(4.6)	51.8	(4.4)	56.8	(3.2)
73.5	(4.3)	68.1	(3.5)	66.6	(2.6)	67.3	(2.2)
64.6	(7.8)	59.8	(4.8)	59.6	(4.1)	59.7	(3.2)
56.8	(7.2)	52.7	(4.3)	48.0	(4.1)	50.3	(3.0)
53.1	(6.9)	45.8	(4.6)	44.7	(3.9)	45.3	(3.0)
72.3	(5.0)	63.8	(4.1)	67.9	(3.1)	66.0	(2.6)
62.5	(6.6)	57.2	(4.6)	53.8	(4.4)	55.4	(3.2)
67.1		59.2		59.7		580	

per week.

TABLE 3. Prevalence of current smokers* in selected states, by System, 1988

State	18-34		35-49		50-64		%
	%	($\pm 95\%$ CI) [†]	%	($\pm 95\%$ CI)	%	($\pm 95\%$ CI)	
Alabama	28.0	(4.4)	31.0	(5.0)	26.3	(5.6)	15.2
Arizona	23.7	(4.5)	27.6	(5.6)	23.8	(6.8)	18.4
California	22.7	(3.2)	24.8	(3.6)	21.4	(4.6)	18.1
Connecticut	29.5	(4.9)	32.5	(5.6)	25.2	(6.3)	14.3
Dist. of Col.	18.9	(4.1)	22.9	(5.3)	22.9	(7.1)	16.1
Florida	24.4	(4.4)	30.8	(5.1)	30.4	(5.7)	12.5
Georgia	24.1	(3.2)	28.7	(5.9)	27.0	(8.1)	14.0
Hawaii	26.1	(4.1)	27.2	(4.6)	21.5	(5.8)	11.9
Idaho	19.2	(3.5)	26.9	(4.4)	21.1	(4.8)	12.4
Illinois	27.4	(4.2)	32.3	(4.6)	27.8	(5.5)	17.2
Indiana	30.6	(3.8)	33.1	(4.0)	29.1	(4.8)	10.2
Iowa	26.2	(5.2)	22.0	(6.4)	25.1	(8.0)	11.9
Kentucky	37.9	(4.4)	38.4	(5.2)	34.9	(5.4)	19.2
Maine	32.8	(5.3)	30.5	(5.2)	21.2	(5.5)	14.3
Maryland	23.9	(5.2)	30.2	(5.8)	28.9	(7.7)	14.7
Massachusetts	28.8	(4.4)	32.7	(5.5)	24.8	(6.4)	13.8
Michigan	29.1	(4.5)	29.1	(4.9)	24.7	(6.3)	16.8
Minnesota	25.3	(2.6)	26.5	(2.9)	22.1	(3.7)	10.6
Missouri	29.7	(4.6)	32.1	(5.2)	27.0	(5.9)	9.3
Montana	18.2	(4.4)	22.5	(4.6)	26.7	(5.9)	11.9
Nebraska	24.5	(4.4)	21.0	(4.8)	23.1	(5.7)	11.2
New Hampshire	32.0	(5.1)	31.2	(5.6)	25.7	(7.2)	15.3
New Mexico	25.0	(5.2)	26.3	(5.6)	25.4	(6.2)	18.6
New York	28.8	(5.2)	31.7	(5.7)	18.4	(5.5)	9.7
North Carolina	25.7	(3.9)	32.4	(5.0)	29.6	(5.7)	13.0
North Dakota	22.9	(3.6)	28.3	(4.7)	24.2	(5.6)	11.3
Ohio	30.4	(4.4)	29.3	(5.1)	23.5	(5.5)	14.4
Oklahoma	23.3	(5.0)	32.3	(6.0)	24.8	(6.8)	16.6
Rhode Island	26.5	(4.0)	33.6	(4.9)	22.7	(5.0)	12.3
South Carolina	29.4	(4.1)	30.8	(4.5)	23.3	(4.7)	11.3
South Dakota	20.8	(4.5)	27.8	(5.7)	23.6	(6.3)	12.8
Tennessee	34.2	(3.6)	32.8	(4.2)	32.6	(5.0)	12.6
Texas	23.2	(4.5)	29.6	(5.4)	24.9	(7.1)	12.9
Utah	18.1	(3.3)	18.4	(4.0)	10.4	(4.2)	7.3
Washington	29.0	(4.7)	25.7	(4.9)	30.0	(6.4)	8.3
West Virginia	26.3	(4.4)	32.5	(4.6)	30.8	(5.1)	15.4
Wisconsin	29.6	(4.6)	27.5	(5.0)	23.6	(5.8)	9.7
Median prevalence	26.2		29.6		24.8		12.9

*Defined as currently smoking cigarettes regularly.

[†]Confidence interval.

by age group and sex—Behavioral Risk Factor Surveillance

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≥65		Men		Women		Total	
%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
15.2	(5.1)	30.2	(4.0)	22.7	(3.1)	26.2	(2.5)
18.4	(5.3)	24.0	(4.2)	23.5	(3.4)	23.8	(2.7)
18.1	(4.5)	24.6	(2.9)	20.3	(2.5)	22.4	(1.9)
14.3	(5.0)	27.9	(4.6)	25.8	(3.8)	26.8	(2.9)
16.1	(5.8)	20.2	(4.1)	20.2	(3.4)	20.2	(2.7)
12.5	(3.4)	25.3	(3.5)	23.1	(3.0)	24.2	(2.4)
14.0	(8.5)	30.0	(4.6)	21.1	(3.4)	25.3	(2.9)
11.9	(4.6)	26.4	(3.9)	21.2	(3.3)	23.8	(2.5)
12.4	(3.5)	20.0	(3.4)	20.5	(2.8)	20.3	(2.2)
17.2	(4.5)	28.0	(3.6)	26.2	(3.2)	27.0	(2.4)
10.2	(3.1)	29.7	(3.3)	25.5	(2.8)	27.5	(2.1)
11.9	(5.0)	20.8	(4.9)	23.9	(4.1)	22.4	(3.2)
19.2	(4.2)	38.4	(3.9)	30.7	(3.2)	34.4	(2.5)
14.3	(4.9)	25.7	(4.3)	27.4	(3.5)	26.6	(2.7)
14.7	(5.1)	25.6	(4.8)	25.0	(3.8)	25.3	(3.1)
13.8	(4.1)	26.6	(4.5)	26.6	(3.3)	26.6	(2.8)
16.8	(7.6)	27.3	(4.1)	25.7	(3.7)	26.4	(2.8)
10.6	(2.4)	23.0	(2.2)	22.1	(2.1)	22.5	(1.5)
9.3	(3.3)	26.8	(4.0)	25.4	(3.2)	26.0	(2.6)
11.9	(4.2)	20.8	(3.9)	18.9	(3.2)	19.9	(2.5)
11.2	(3.7)	22.3	(3.8)	19.9	(3.2)	21.0	(2.5)
15.3	(5.8)	30.7	(4.8)	25.7	(3.8)	28.1	(3.3)
18.6	(6.8)	27.7	(4.9)	21.5	(3.7)	24.5	(3.1)
9.7	(4.2)	24.3	(4.4)	23.9	(3.9)	24.1	(2.9)
13.0	(4.1)	28.3	(4.1)	24.4	(3.0)	26.3	(2.4)
11.3	(3.4)	23.7	(3.4)	20.9	(3.0)	22.3	(2.2)
14.4	(4.1)	25.1	(3.9)	27.4	(3.5)	26.3	(2.6)
16.6	(7.3)	26.3	(4.9)	23.0	(3.7)	24.6	(3.0)
12.3	(3.2)	25.0	(3.5)	24.5	(2.9)	24.7	(2.3)
11.3	(3.9)	30.7	(3.6)	21.6	(3.0)	26.0	(2.4)
12.8	(4.2)	24.3	(3.8)	18.5	(3.4)	21.3	(2.5)
12.6	(3.3)	36.8	(3.4)	23.8	(2.4)	30.0	(2.2)
12.9	(5.5)	26.1	(4.3)	21.8	(3.5)	23.9	(2.7)
7.3	(3.6)	15.8	(3.1)	13.7	(2.9)	14.7	(2.2)
8.3	(3.9)	25.5	(4.1)	24.2	(3.4)	24.8	(2.6)
15.4	(4.0)	27.9	(3.8)	25.8	(3.0)	26.8	(2.4)
9.7	(4.0)	23.2	(3.9)	23.2	(3.7)	23.2	(2.7)
12.9		25.7		23.5		24.7	

TABLE 4. Prevalence of "ever smokers"* in selected states, by age System, 1988

State	18-34		35-49		50-64		>65	
	%	($\pm 95\%$ CI) [†]	%	($\pm 95\%$ CI)	%	($\pm 95\%$ CI)	%	($\pm 95\%$ CI)
Alabama	37.1	(4.7)	52.9	(5.3)	57.6	(6.2)	44.4	
Arizona	43.4	(5.3)	60.4	(6.0)	61.3	(6.8)	57.5	
California	37.8	(3.6)	54.2	(3.9)	59.9	(5.8)	52.5	
Connecticut	48.0	(5.6)	63.6	(5.8)	64.2	(7.1)	57.1	
Dist. of Col.	30.1	(4.6)	41.9	(6.3)	52.6	(8.4)	39.7	
Florida	43.4	(5.1)	56.2	(5.7)	63.7	(5.8)	55.7	
Georgia	39.8	(3.8)	48.1	(6.3)	57.5	(9.6)	47.2	
Hawaii	39.3	(4.6)	49.5	(5.3)	55.8	(6.8)	40.7	
Idaho	33.5	(4.3)	52.9	(4.9)	50.6	(6.2)	54.1	
Illinois	42.1	(4.5)	56.2	(4.9)	60.0	(6.0)	47.8	
Indiana	45.7	(4.2)	57.3	(4.3)	60.4	(5.3)	49.0	
Iowa	37.4	(5.7)	54.4	(7.3)	56.2	(9.5)	41.3	
Kentucky	49.0	(4.6)	57.7	(5.2)	67.4	(5.3)	52.9	
Maine	53.1	(5.5)	61.6	(5.5)	61.2	(6.9)	52.4	
Maryland	40.6	(6.0)	55.5	(6.2)	68.6	(7.3)	50.4	
Massachusetts	44.5	(4.7)	66.4	(5.0)	61.6	(7.6)	56.4	
Michigan	46.5	(5.1)	58.7	(5.5)	54.9	(7.3)	49.0	
Minnesota	43.1	(3.0)	59.2	(3.3)	62.4	(4.4)	44.1	
Missouri	46.2	(5.1)	56.2	(5.6)	63.5	(6.7)	44.7	
Montana	33.4	(5.4)	54.5	(6.1)	64.9	(6.6)	56.7	
Nebraska	40.5	(5.0)	49.5	(5.8)	54.5	(6.6)	43.9	
New Hampshire	49.4	(5.4)	66.5	(5.2)	64.7	(7.3)	59.4	
New Mexico	40.6	(5.8)	49.5	(6.1)	54.5	(7.2)	52.6	
New York	41.1	(5.7)	55.6	(5.9)	54.5	(7.5)	49.5	
North Carolina	40.8	(4.8)	61.7	(5.1)	56.7	(6.0)	46.8	
North Dakota	37.4	(4.2)	57.7	(5.1)	64.0	(6.0)	42.2	
Ohio	43.8	(4.8)	50.8	(5.5)	55.1	(7.1)	44.1	
Oklahoma	37.0	(5.9)	57.1	(6.7)	56.1	(7.9)	44.7	
Rhode Island	40.6	(4.5)	60.8	(5.3)	51.2	(6.5)	40.9	
South Carolina	41.3	(4.4)	52.7	(4.8)	56.3	(5.7)	40.5	
South Dakota	33.2	(5.2)	58.2	(6.3)	60.2	(6.9)	44.2	
Tennessee	48.1	(3.8)	55.4	(4.3)	64.6	(4.7)	38.3	
Texas	37.8	(5.3)	54.5	(6.2)	53.8	(8.3)	41.9	
Utah	27.1	(3.9)	37.4	(5.3)	32.8	(6.7)	36.6	
Washington	46.6	(5.2)	56.9	(5.6)	64.8	(6.7)	47.4	
West Virginia	42.8	(5.2)	57.3	(4.9)	60.5	(5.0)	50.3	
Wisconsin	45.5	(5.0)	57.3	(5.4)	62.4	(6.9)	40.6	
Median prevalence	41.1		56.2		60.0		47.2	

*Defined as persons who had smoked at least 100 cigarettes.

[†]Confidence interval.

Age group and sex—Behavioral Risk Factor Surveillance

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>65	Men		Women		Total	
(± 95% CI)	%	(± 95% CI)	%	(± 95% CI)	%	(± 95% CI)
(6.4)	57.5	(4.2)	36.2	(3.5)	46.2	(2.7)
(6.8)	60.2	(4.7)	46.9	(4.2)	53.3	(3.2)
(5.6)	57.0	(3.4)	40.0	(3.0)	48.3	(2.3)
(7.6)	62.0	(5.2)	52.0	(4.1)	56.8	(3.2)
(7.2)	42.1	(4.7)	35.6	(4.2)	38.5	(3.2)
(5.0)	61.1	(4.2)	46.6	(3.8)	53.4	(2.8)
(16.3)	53.8	(4.8)	39.5	(4.4)	46.2	(3.4)
(7.8)	52.4	(4.5)	38.1	(3.8)	45.2	(2.9)
(5.1)	51.8	(4.3)	36.7	(3.2)	44.1	(2.8)
(6.1)	54.7	(3.9)	45.5	(3.7)	49.9	(2.7)
(5.1)	61.4	(3.8)	43.4	(3.2)	51.9	(2.4)
(7.7)	52.5	(6.2)	39.2	(4.9)	45.5	(3.8)
(5.4)	66.9	(4.1)	44.6	(3.4)	55.3	(2.8)
(7.1)	65.0	(4.5)	49.4	(3.9)	56.8	(3.1)
(7.5)	54.4	(5.4)	48.1	(4.4)	51.1	(3.5)
(6.3)	60.6	(4.6)	50.5	(3.7)	55.2	(3.0)
(8.7)	56.8	(4.7)	47.1	(4.2)	51.7	(3.2)
(4.2)	58.0	(2.8)	43.5	(2.4)	50.5	(1.8)
(6.5)	59.2	(4.5)	44.9	(3.8)	51.6	(3.0)
(6.6)	54.9	(4.9)	41.2	(4.3)	48.0	(3.2)
(5.8)	54.5	(4.5)	37.6	(3.7)	45.7	(2.9)
(7.7)	66.5	(4.6)	50.0	(4.3)	57.9	(3.3)
(8.0)	54.8	(5.4)	35.9	(4.4)	47.1	(3.5)
(7.6)	53.1	(5.3)	45.0	(4.6)	48.7	(3.5)
(5.9)	57.2	(4.7)	43.1	(3.5)	49.8	(2.8)
(5.4)	56.7	(4.0)	38.4	(3.4)	47.5	(2.6)
(6.3)	52.3	(4.6)	43.7	(3.8)	47.7	(3.0)
(8.5)	56.5	(6.0)	38.0	(4.2)	46.8	(3.7)
(5.2)	51.1	(4.3)	44.2	(3.4)	47.4	(2.7)
(5.7)	56.9	(4.0)	37.6	(3.4)	46.8	(2.7)
(5.9)	54.6	(4.6)	37.4	(4.4)	45.8	(3.2)
(5.1)	65.0	(3.2)	39.2	(2.7)	51.5	(2.3)
(8.2)	54.9	(5.0)	37.2	(3.9)	45.8	(3.3)
(7.1)	45.3	(4.5)	23.0	(3.6)	33.9	(3.0)
(7.0)	60.9	(4.5)	45.0	(3.9)	52.9	(3.0)
(5.6)	61.4	(4.2)	41.8	(3.3)	51.1	(2.7)
(6.7)	64.1	(4.4)	43.3	(4.3)	53.3	(3.2)
	56.8		43.1		48.7	

TABLE 5. Quit ratio* in selected states, by age group and sex - B

State	18-34		35-49		50-64		
	%	($\pm 95\%$ CI) [†]	%	($\pm 95\%$ CI)	%	($\pm 95\%$ CI)	%
Alabama	24.5	(7.0)	41.3	(7.3)	54.3	(8.3)	65.5
Arizona	45.5	(7.9)	54.2	(8.0)	61.2	(9.9)	67.5
California	40.1	(5.7)	54.3	(5.6)	64.3	(6.9)	65.5
Connecticut	38.6	(7.4)	49.0	(7.3)	60.7	(9.3)	74.5
Dist. of Col.	37.2	(8.8)	45.4	(9.9)	56.5	(11.6)	59.5
Florida	43.7	(7.4)	45.3	(7.2)	52.3	(7.7)	77.5
Georgia	39.5	(5.6)	40.3	(8.7)	53.1	(12.7)	70.5
Hawaii	33.7	(7.1)	45.0	(7.6)	61.5	(9.1)	70.5
Idaho	42.6	(7.1)	49.2	(6.9)	58.3	(8.3)	77.5
Illinois	35.1	(6.7)	42.6	(6.6)	53.6	(8.0)	64.5
Indiana	33.1	(5.5)	42.2	(5.8)	51.9	(6.7)	79.5
Iowa	30.0	(9.2)	59.5	(10.5)	55.4	(12.3)	71.5
Kentucky	22.6	(5.6)	33.6	(6.9)	48.2	(7.0)	63.5
Maine	38.3	(7.2)	50.4	(7.4)	65.3	(8.4)	72.5
Maryland	41.1	(9.0)	45.6	(8.3)	57.9	(9.9)	70.5
Massachusetts	35.2	(6.6)	50.8	(7.0)	59.8	(9.5)	75.5
Michigan	37.4	(7.0)	50.5	(7.3)	55.0	(10.3)	65.5
Minnesota	41.2	(4.4)	55.2	(4.3)	64.6	(5.4)	76.5
Missouri	35.8	(7.1)	42.9	(7.5)	57.5	(8.4)	79.5
Montana	45.7	(9.6)	58.8	(7.7)	58.8	(8.2)	79.5
Nebraska	39.6	(7.4)	57.6	(8.3)	57.6	(9.0)	74.5
New Hampshire	35.2	(7.0)	53.0	(7.4)	60.3	(9.9)	74.5
New Mexico	38.4	(8.7)	47.0	(9.2)	53.4	(9.8)	64.5
New York	29.8	(7.4)	42.7	(8.1)	66.3	(8.9)	80.5
North Carolina	37.0	(6.8)	47.5	(6.7)	47.9	(8.5)	72.5
North Dakota	38.7	(7.1)	50.9	(6.8)	62.2	(7.9)	73.5
Ohio	30.6	(6.5)	42.3	(7.6)	57.4	(9.0)	67.5
Oklahoma	37.1	(9.1)	43.6	(8.6)	55.9	(10.2)	62.5
Rhode Island	34.7	(6.4)	44.8	(6.8)	55.6	(8.5)	69.5
South Carolina	28.9	(5.8)	41.5	(6.6)	58.7	(7.6)	72.5
South Dakota	37.4	(9.2)	52.3	(8.6)	60.8	(9.2)	71.5
Tennessee	29.0	(4.8)	40.9	(5.7)	49.5	(6.8)	67.5
Texas	38.8	(8.6)	45.7	(8.4)	53.7	(10.5)	69.5
Utah	33.5	(7.5)	50.9	(8.1)	68.3	(11.3)	80.5
Washington	37.7	(7.3)	54.8	(7.5)	53.7	(8.7)	82.5
West Virginia	38.5	(7.1)	43.4	(6.5)	49.1	(7.2)	69.5
Wisconsin	35.0	(6.9)	52.0	(7.3)	62.2	(8.5)	76.5
Median							
prevalence	37.2		47.0		57.5		71.5

*Defined as the percentage of ever smokers who had quit smoking by the time the

[†]Confidence interval.

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≥65		Men		Women		Total	
%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
65.8	(10.1)	47.4	(5.6)	37.3	(5.9)	43.2	(4.1)
67.9	(8.8)	60.1	(6.2)	49.8	(6.0)	55.4	(4.3)
65.6	(7.8)	56.9	(4.4)	49.3	(4.5)	53.7	(3.2)
74.9	(8.0)	55.1	(6.4)	50.4	(5.8)	52.8	(4.3)
59.4	(12.5)	52.0	(8.0)	43.4	(7.3)	47.6	(5.5)
77.6	(5.7)	58.5	(4.8)	50.4	(5.2)	54.8	(3.5)
70.2	(17.2)	44.2	(7.2)	46.6	(6.8)	45.3	(5.2)
70.9	(9.9)	49.6	(5.8)	44.3	(6.3)	47.3	(4.3)
77.1	(6.2)	61.3	(5.5)	44.2	(5.5)	54.0	(3.9)
64.1	(8.3)	48.9	(5.3)	42.4	(5.2)	45.8	(3.6)
79.1	(5.9)	51.6	(4.4)	41.2	(4.6)	47.0	(3.2)
71.1	(10.9)	60.3	(8.1)	39.1	(7.2)	50.7	(5.8)
63.6	(7.0)	42.6	(4.9)	31.1	(4.5)	37.8	(3.4)
72.7	(8.7)	60.5	(5.9)	44.5	(5.5)	53.2	(4.1)
70.9	(9.3)	53.0	(7.3)	48.0	(6.5)	50.6	(5.0)
75.5	(7.1)	56.2	(6.3)	47.6	(5.2)	51.9	(4.2)
65.9	(13.4)	52.0	(6.4)	45.5	(5.8)	48.9	(4.5)
76.0	(5.0)	60.4	(3.4)	49.2	(3.8)	55.4	(2.5)
79.2	(7.0)	54.7	(6.1)	43.5	(5.4)	49.6	(4.1)
79.0	(7.1)	62.0	(6.4)	54.1	(6.2)	58.6	(4.5)
74.5	(7.8)	59.0	(5.9)	47.2	(6.1)	54.0	(4.3)
74.2	(9.2)	53.8	(6.1)	48.6	(6.0)	51.5	(4.6)
64.7	(11.7)	49.4	(7.3)	46.3	(7.0)	48.0	(5.2)
80.3	(8.2)	54.2	(6.8)	46.8	(6.5)	50.5	(4.7)
72.3	(7.9)	50.4	(5.7)	43.4	(5.2)	47.3	(3.9)
73.3	(7.4)	58.3	(5.1)	45.5	(5.6)	53.1	(3.8)
67.3	(8.4)	52.0	(6.2)	37.4	(5.7)	44.9	(4.2)
62.9	(13.4)	53.4	(7.0)	39.6	(6.7)	47.5	(5.1)
69.8	(7.2)	51.1	(5.6)	44.6	(5.1)	47.8	(3.8)
72.2	(8.8)	46.0	(5.1)	42.1	(5.4)	44.4	(3.8)
71.1	(8.7)	55.6	(5.8)	50.5	(6.7)	53.4	(4.3)
67.2	(7.9)	43.4	(4.5)	39.4	(4.1)	41.8	(3.2)
69.3	(12.5)	52.5	(6.7)	41.4	(6.8)	47.9	(4.8)
80.1	(9.2)	65.2	(5.8)	40.5	(8.6)	56.6	(5.0)
82.5	(7.9)	58.2	(5.8)	46.1	(5.8)	53.0	(4.2)
69.4	(7.2)	54.5	(5.2)	38.4	(5.0)	47.6	(3.7)
76.0	(9.1)	63.8	(5.6)	46.3	(6.7)	56.5	(4.4)
71.1		54.2		44.6		50.5	

time they were interviewed.

TABLE 6. Prevalence of binge drinking* in selected states, by age System, 1988

State	18-34		35-49		50-64		≥65
	%	(±95% CI) [†]	%	(±95% CI)	%	(±95% CI)	% (±95% CI)
Alabama	17.7	(4.1)	10.5	(3.2)	5.3	(2.5)	1.0
Arizona	26.2	(4.6)	15.1	(4.3)	8.8	(4.7)	4.3
California	24.2	(3.3)	12.8	(2.8)	9.9	(3.2)	4.4
Connecticut	27.9	(5.2)	14.7	(4.0)	12.7	(5.6)	3.6
Dist. of Col.	10.2	(3.2)	7.9	(3.2)	3.5	(2.4)	1.6
Florida	23.5	(4.3)	14.9	(3.8)	8.8	(3.4)	3.5
Georgia	23.9	(3.5)	14.3	(4.4)	9.9	(5.4)	0.0
Hawaii	24.4	(3.9)	19.9	(4.1)	15.2	(5.6)	7.8
Idaho	21.0	(4.1)	12.7	(3.3)	9.2	(3.7)	1.0
Illinois	26.6	(4.0)	17.7	(3.9)	12.7	(4.7)	3.1
Indiana	25.1	(3.9)	14.0	(3.1)	9.3	(3.1)	0.9
Iowa	26.0	(6.2)	12.1	(5.4)	8.0	(5.0)	3.4
Kentucky	13.4	(3.2)	6.3	(2.6)	6.5	(2.9)	1.0
Maine	28.4	(4.8)	11.1	(3.4)	7.4	(3.7)	1.0
Maryland	11.9	(4.1)	10.3	(4.3)	4.6	(3.9)	3.3
Massachusetts	30.9	(4.6)	15.1	(4.1)	11.4	(5.4)	1.7
Michigan	37.2	(5.0)	21.3	(4.6)	13.1	(4.9)	3.5
Minnesota	37.9	(3.1)	19.7	(2.8)	9.6	(2.6)	2.8
Missouri	27.1	(4.6)	12.1	(3.7)	6.4	(3.4)	3.4
Montana	32.4	(5.6)	21.4	(4.7)	9.6	(4.0)	3.1
Nebraska	28.4	(4.8)	15.6	(4.6)	7.0	(3.7)	3.2
New Hampshire	29.0	(4.6)	15.4	(4.3)	8.1	(4.2)	1.0
New Mexico	20.7	(4.9)	11.2	(3.7)	8.2	(4.5)	2.5
New York	22.1	(5.1)	12.5	(3.9)	7.3	(4.0)	3.2
North Carolina	19.4	(3.8)	9.9	(3.1)	5.4	(2.9)	1.2
North Dakota	33.9	(4.3)	22.3	(4.2)	11.9	(3.9)	2.5
Ohio	27.7	(4.3)	14.7	(4.2)	8.9	(4.9)	3.1
Oklahoma	17.7	(4.5)	7.9	(3.6)	5.7	(3.6)	2.0
Rhode Island	15.4	(3.5)	6.2	(2.3)	2.6	(1.8)	1.7
South Carolina	15.0	(3.1)	9.1	(3.1)	5.4	(2.5)	1.7
South Dakota	35.4	(5.4)	16.5	(4.4)	6.7	(3.4)	0.7
Tennessee	18.1	(2.9)	6.0	(2.1)	2.7	(2.0)	0.1
Texas	27.0	(4.9)	16.5	(4.5)	5.6	(3.3)	1.2
Utah	15.0	(3.0)	7.1	(2.6)	4.9	(3.4)	0.3
Washington	31.6	(5.0)	14.9	(4.1)	8.4	(3.6)	4.6
West Virginia	17.2	(4.1)	6.6	(2.4)	2.5	(1.8)	1.7
Wisconsin	44.3	(4.9)	33.2	(5.2)	16.1	(5.2)	7.3
Median							
prevalence	25.1		14.0		8.1		2.5

*Defined as having five or more drinks on one occasion at least once in the past month.

[†]Confidence interval.

Age group and sex—Behavioral Risk Factor Surveillance

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≥ 65		Men		Women		Total	
(± 95% CI)	%	(± 95% CI)	%	(± 95% CI)	%	(± 95% CI)	%
(1.2)	17.9	(3.5)	4.2	(1.6)	10.7	(2.0)	
(3.0)	28.4	(4.1)	5.4	(1.8)	16.6	(2.4)	
(2.6)	24.8	(3.0)	7.2	(1.6)	15.8	(1.7)	
(2.4)	26.6	(4.5)	8.9	(2.6)	17.3	(2.6)	
(1.6)	12.1	(3.2)	3.0	(1.5)	7.1	(1.7)	
(2.0)	21.9	(3.6)	6.2	(1.7)	13.6	(2.0)	
(0.0)	26.4	(4.2)	7.7	(1.9)	16.5	(2.3)	
(4.5)	29.3	(4.0)	10.0	(2.5)	19.6	(2.4)	
(1.2)	21.1	(3.8)	7.0	(1.8)	14.0	(2.2)	
(2.2)	27.8	(3.6)	9.2	(2.2)	18.0	(2.2)	
(0.9)	24.6	(3.4)	7.1	(1.7)	15.3	(2.0)	
(2.9)	21.7	(5.3)	9.5	(3.3)	15.3	(3.2)	
(1.0)	14.2	(2.9)	3.0	(1.2)	8.3	(1.5)	
(1.2)	23.6	(4.1)	6.7	(2.0)	14.7	(2.3)	
(2.9)	14.1	(4.0)	4.3	(2.0)	8.9	(2.2)	
(1.5)	27.6	(4.3)	10.4	(2.5)	18.4	(2.5)	
(2.5)	33.6	(4.4)	13.9	(2.8)	23.3	(2.7)	
(1.4)	32.7	(2.8)	13.2	(1.8)	22.6	(1.7)	
(2.3)	22.5	(3.7)	8.7	(2.3)	15.3	(2.2)	
(2.1)	30.8	(4.5)	11.4	(3.0)	21.0	(2.9)	
(2.1)	27.8	(4.4)	7.0	(2.0)	17.0	(2.5)	
(1.4)	28.7	(4.3)	7.4	(2.6)	17.6	(2.5)	
(2.7)	19.8	(4.4)	7.3	(2.5)	13.4	(2.5)	
(3.5)	22.3	(4.5)	6.0	(2.2)	13.6	(2.5)	
(1.4)	20.2	(3.6)	4.3	(1.4)	11.9	(1.9)	
(1.8)	31.4	(3.7)	12.0	(2.3)	21.7	(2.3)	
(2.1)	26.5	(4.1)	8.6	(2.3)	17.0	(2.4)	
(2.7)	17.3	(4.0)	4.0	(1.7)	10.4	(2.1)	
(1.6)	13.4	(2.7)	3.7	(1.4)	8.2	(1.6)	
(1.6)	15.9	(2.8)	4.3	(1.6)	9.8	(1.6)	
(1.0)	30.2	(4.5)	8.9	(2.8)	19.3	(2.8)	
(0.3)	15.1	(2.5)	3.4	(1.1)	9.0	(1.4)	
(1.8)	25.3	(4.5)	8.9	(2.4)	16.9	(2.6)	
(0.6)	11.6	(2.6)	3.3	(1.4)	7.3	(1.5)	
(2.8)	26.7	(4.2)	10.2	(2.4)	18.3	(2.5)	
(1.6)	15.3	(3.3)	3.5	(1.4)	9.1	(1.9)	
(3.8)	38.2	(4.4)	13.3	(3.0)	25.3	(2.7)	
24.6		7.2		15.3			

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TABLE 7. Prevalence of heavier drinking* in selected states, by System, 1988

State	18-34		35-49		50-64		%
	%	($\pm 95\%$ CI) [†]	%	($\pm 95\%$ CI)	%	($\pm 95\%$ CI)	
Alabama	4.7	(2.2)	6.1	(2.5)	3.3	(1.9)	1
Arizona	9.0	(3.0)	5.7	(2.8)	3.8	(2.8)	3
California	9.9	(2.2)	7.5	(2.2)	8.0	(3.0)	6
Connecticut	12.5	(4.3)	5.4	(2.6)	11.5	(5.8)	4
Dist. of Col.	6.8	(2.4)	7.0	(3.1)	4.9	(3.5)	2
Florida	9.1	(3.0)	8.8	(3.1)	8.0	(3.3)	7
Georgia	7.5	(2.0)	6.1	(2.9)	7.3	(4.9)	0
Hawaii	8.9	(2.8)	10.7	(3.2)	9.0	(4.7)	8
Idaho	5.2	(2.4)	4.1	(2.0)	4.8	(2.5)	1
Illinois	5.5	(1.9)	7.6	(2.6)	7.2	(3.4)	1
Indiana	5.5	(2.3)	5.6	(2.1)	6.3	(2.5)	2
Iowa	7.8	(4.0)	4.1	(3.2)	4.4	(3.7)	2
Kentucky	4.8	(2.0)	2.8	(1.7)	4.1	(2.2)	2
Maine	12.4	(4.2)	5.0	(2.4)	3.7	(2.6)	3
Maryland	3.1	(2.0)	4.0	(3.2)	5.6	(4.4)	3
Massachusetts	9.8	(3.1)	8.1	(3.3)	4.3	(2.9)	9
Michigan	7.9	(2.8)	8.8	(3.4)	7.5	(4.1)	1
Minnesota	9.0	(1.9)	6.9	(1.7)	4.1	(1.6)	1
Missouri	9.8	(3.5)	4.6	(2.3)	6.5	(3.7)	1
Montana	6.5	(3.4)	6.0	(2.9)	2.9	(2.3)	2
Nebraska	7.6	(3.0)	8.0	(3.7)	3.6	(2.4)	2
New Hampshire	14.6	(4.0)	10.2	(3.8)	8.2	(4.1)	1
New Mexico	8.2	(3.6)	5.6	(2.7)	3.9	(3.1)	1
New York	7.4	(3.7)	4.3	(2.4)	3.4	(2.3)	1
North Carolina	6.7	(2.3)	4.9	(2.5)	5.0	(2.8)	1
North Dakota	4.0	(1.8)	3.7	(1.9)	3.2	(2.2)	1
Ohio	7.5	(2.6)	6.5	(3.2)	6.6	(4.6)	1
Oklahoma	7.8	(3.6)	4.6	(3.1)	5.0	(3.3)	1
Rhode Island	8.6	(2.3)	5.5	(2.2)	5.0	(2.7)	1
South Carolina	4.5	(2.0)	5.7	(2.0)	4.3	(2.1)	1
South Dakota	6.5	(2.8)	5.3	(3.0)	1.3	(1.4)	1
Tennessee	8.1	(2.2)	3.2	(1.7)	3.6	(2.1)	1
Texas	7.9	(2.9)	6.9	(3.0)	6.8	(4.9)	1
Utah	3.9	(1.7)	3.9	(2.0)	3.7	(2.9)	1
Washington	6.0	(2.5)	6.0	(2.9)	4.5	(2.8)	1
West Virginia	7.5	(2.9)	2.1	(1.3)	2.6	(2.0)	1
Wisconsin	12.3	(3.2)	8.5	(3.0)	10.2	(4.4)	1
Median prevalence	7.6		5.7		4.8		

*Defined as having 60 or more drinks in the past month.

[†]Confidence interval.

es, by age group and sex—Behavioral Risk Factor Surveillance

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CI)	≥65		Men		Women		Total	
	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
	1.4	(1.4)	8.1	(2.3)	0.7	(0.6)	4.2	(1.1)
	3.8	(3.1)	12.1	(3.2)	1.0	(0.6)	6.4	(1.6)
	6.0	(2.7)	14.4	(2.4)	2.6	(0.9)	8.4	(1.3)
	4.0	(2.5)	16.8	(4.0)	1.9	(1.3)	9.0	(2.1)
	2.3	(2.0)	10.2	(2.8)	2.2	(1.2)	5.8	(1.5)
	7.5	(2.7)	14.0	(2.8)	3.5	(1.4)	8.5	(1.5)
	0.0	(0.0)	12.3	(3.1)	1.4	(0.7)	6.5	(1.5)
	9.6	(4.7)	16.3	(3.4)	2.7	(1.2)	9.4	(1.8)
	1.2	(1.4)	7.8	(2.4)	0.9	(0.6)	4.3	(1.3)
	1.7	(1.4)	10.2	(2.4)	1.7	(0.9)	5.7	(1.2)
	2.3	(1.5)	9.6	(2.4)	1.1	(0.6)	5.1	(1.2)
	1.5	(2.2)	8.9	(3.7)	1.8	(1.6)	5.2	(2.0)
	1.6	(1.4)	6.6	(2.0)	0.9	(0.6)	3.6	(1.0)
	2.5	(1.9)	12.0	(3.4)	2.3	(1.4)	6.9	(1.8)
	3.3	(2.8)	6.6	(2.9)	1.4	(1.1)	3.8	(1.5)
	4.5	(2.5)	12.8	(3.1)	2.9	(1.4)	7.5	(1.6)
	3.3	(2.5)	11.9	(3.1)	3.2	(1.3)	7.4	(1.7)
	3.7	(1.8)	11.8	(1.8)	2.0	(0.7)	6.7	(1.0)
	2.5	(2.0)	12.6	(3.2)	1.1	(0.7)	6.5	(1.6)
	2.9	(2.1)	9.2	(3.1)	1.1	(1.2)	5.1	(1.6)
	2.2	(1.7)	10.7	(3.1)	1.6	(1.0)	6.0	(1.6)
	4.2	(3.1)	19.5	(4.1)	2.8	(1.3)	10.8	(2.1)
	0.7	(1.5)	10.9	(3.4)	0.9	(0.9)	5.7	(1.8)
	3.5	(2.7)	9.5	(3.2)	1.4	(1.1)	5.1	(1.7)
	0.8	(1.0)	9.1	(2.5)	1.5	(0.9)	5.1	(1.3)
	1.3	(1.3)	5.3	(1.7)	1.3	(0.8)	3.3	(1.0)
	2.5	(2.2)	11.1	(3.0)	2.1	(1.1)	6.3	(1.6)
	1.3	(2.0)	9.3	(3.3)	1.8	(1.2)	5.4	(1.8)
	1.4	(1.2)	9.6	(2.2)	2.5	(1.0)	5.8	(1.2)
	1.6	(1.5)	7.8	(2.0)	1.1	(0.8)	4.3	(1.1)
	0.2	(0.5)	7.4	(2.6)	1.0	(0.9)	4.1	(1.3)
	0.3	(0.5)	8.7	(2.0)	1.0	(0.6)	4.7	(1.0)
	4.4	(3.6)	11.9	(3.6)	2.3	(1.0)	7.0	(1.8)
	1.3	(1.5)	6.2	(2.1)	0.8	(0.7)	3.4	(1.1)
	6.6	(3.6)	9.4	(2.7)	2.5	(1.2)	5.9	(1.5)
	2.0	(1.7)	8.0	(2.5)	0.9	(0.7)	4.3	(1.3)
	3.8	(2.8)	14.8	(3.2)	2.9	(1.5)	8.6	(1.8)
	2.3		10.2		1.6		5.8	

TABLE 8. Prevalence of drinking and driving* in selected states, by age System, 1988

State	18-34		35-49		50-64		65+	
	%	($\pm 95\%$ CI) [†]	%	($\pm 95\%$ CI)	%	($\pm 95\%$ CI)	%	($\pm 95\%$ CI)
Alabama	2.3	(1.4)	2.3	(1.4)	0.6	(0.9)	0.2	(0.2)
Arizona	6.0	(2.3)	1.1	(1.1)	1.0	(1.1)	0.4	(0.4)
California	6.5	(1.7)	4.3	(1.6)	0.5	(0.6)	0.0	(0.0)
Connecticut	7.4	(3.2)	2.4	(1.7)	0.7	(1.4)	1.4	(1.4)
Dist. of Col.	3.6	(1.9)	2.9	(2.3)	0.0	(0.0)	0.0	(0.0)
Florida	6.2	(2.5)	2.0	(1.3)	0.0	(0.0)	0.3	(0.3)
Georgia	5.7	(1.6)	0.6	(0.6)	2.6	(2.9)	0.0	(0.0)
Hawaii	4.7	(1.8)	4.9	(2.3)	1.1	(1.1)	0.5	(0.5)
Idaho	5.7	(2.3)	2.4	(1.3)	1.1	(1.1)	0.0	(0.0)
Illinois	4.8	(2.1)	2.7	(1.6)	1.4	(1.4)	0.2	(0.2)
Indiana	7.0	(2.5)	2.1	(1.3)	1.1	(1.2)	0.0	(0.0)
Iowa	5.8	(3.4)	2.5	(2.1)	1.6	(2.0)	0.0	(0.0)
Kentucky	3.1	(1.7)	0.3	(0.4)	0.1	(0.3)	0.3	(0.3)
Maine	5.9	(2.4)	2.6	(1.7)	0.4	(0.9)	0.0	(0.0)
Maryland	2.2	(2.2)	2.0	(1.8)	0.0	(0.0)	0.0	(0.0)
Massachusetts	6.3	(2.9)	4.1	(2.5)	0.6	(1.1)	0.7	(0.7)
Michigan	7.8	(2.4)	6.0	(2.9)	1.4	(1.4)	0.0	(0.0)
Minnesota	11.2	(2.1)	4.4	(1.4)	0.8	(0.8)	0.0	(0.0)
Missouri	5.0	(2.2)	3.1	(2.2)	0.0	(0.0)	0.3	(0.3)
Montana	11.1	(4.1)	4.8	(2.6)	1.1	(1.3)	0.0	(0.0)
Nebraska	9.2	(3.3)	1.5	(1.3)	1.2	(1.5)	0.0	(0.0)
New Hampshire	6.9	(2.9)	1.9	(1.7)	0.6	(0.8)	0.0	(0.0)
New Mexico	4.9	(2.5)	2.1	(1.6)	1.9	(1.9)	0.7	(0.7)
New York	3.2	(2.1)	1.8	(1.3)	0.7	(1.0)	0.0	(0.0)
North Carolina	5.7	(2.5)	2.6	(2.0)	0.0	(0.0)	0.0	(0.0)
North Dakota	11.5	(3.1)	3.5	(1.9)	1.5	(1.5)	0.3	(0.3)
Ohio	6.4	(2.3)	3.2	(1.9)	0.9	(1.1)	0.2	(0.2)
Oklahoma	6.7	(3.2)	2.2	(1.9)	1.0	(1.5)	0.0	(0.0)
Rhode Island	5.2	(2.0)	2.0	(1.6)	0.3	(0.7)	0.3	(0.3)
South Carolina	2.5	(1.3)	1.4	(1.2)	0.3	(0.5)	0.0	(0.0)
South Dakota	11.3	(3.7)	5.8	(2.8)	0.8	(1.2)	0.0	(0.0)
Tennessee	4.4	(1.7)	1.3	(1.1)	0.8	(1.1)	0.0	(0.0)
Texas	6.4	(2.4)	2.7	(1.8)	2.4	(2.2)	0.0	(0.0)
Utah	3.1	(1.6)	1.3	(1.1)	1.4	(2.1)	0.0	(0.0)
Washington	7.8	(3.0)	3.5	(2.2)	0.3	(0.6)	0.0	(0.0)
West Virginia	2.6	(1.9)	0.7	(0.8)	0.5	(0.6)	0.8	(0.8)
Wisconsin	14.9	(3.5)	8.2	(2.8)	2.1	(1.8)	0.8	(0.8)
Median prevalence	5.9		2.4		0.8		0.0	

*Defined as driving after having had too much to drink at least once in the past month.

[†]Confidence level.

65	Men		Women		Total	
(± 95% CI)	%	(± 95% CI)	%	(± 95% CI)	%	(± 95% CI)
(0.4)	3.0	(1.3)	0.4	(0.5)	1.6	(0.7)
(0.7)	4.9	(1.9)	1.1	(0.8)	2.9	(1.0)
(0.9)	6.3	(1.5)	1.7	(0.7)	3.9	(0.9)
(2.7)	6.7	(2.7)	1.1	(0.9)	3.8	(1.4)
(0.0)	3.9	(1.8)	0.9	(0.9)	2.2	(1.0)
(0.6)	4.0	(1.5)	1.2	(0.9)	2.5	(0.9)
(0.0)	5.1	(1.8)	1.3	(0.8)	3.1	(0.9)
(0.7)	5.9	(1.9)	1.2	(0.8)	3.6	(1.0)
(0.0)	5.3	(2.0)	1.2	(0.8)	3.2	(1.1)
(0.4)	4.5	(1.7)	1.5	(1.1)	2.9	(1.0)
(0.0)	6.0	(2.2)	1.2	(0.7)	3.5	(1.1)
(0.0)	4.9	(2.7)	1.7	(1.8)	3.2	(1.6)
(0.5)	2.6	(1.5)	0.3	(0.3)	1.4	(0.7)
(0.0)	4.4	(1.8)	1.5	(1.0)	2.9	(1.0)
(0.0)	2.5	(2.0)	0.5	(0.7)	1.5	(1.0)
(1.0)	7.0	(2.5)	2.5	(1.1)	4.6	(1.4)
(0.0)	7.9	(2.4)	2.1	(1.1)	4.9	(1.3)
(0.0)	9.7	(1.8)	2.3	(0.8)	5.9	(1.0)
(0.5)	4.9	(1.9)	0.8	(0.7)	2.7	(1.0)
(0.0)	10.3	(3.5)	1.9	(1.1)	6.0	(1.9)
(0.0)	7.1	(2.7)	1.8	(1.1)	4.3	(1.4)
(0.0)	6.2	(2.6)	1.1	(0.8)	3.5	(1.3)
(1.5)	3.6	(1.7)	2.5	(1.8)	3.0	(1.2)
(0.0)	3.0	(1.7)	0.7	(0.9)	1.8	(0.9)
(0.0)	5.6	(2.3)	0.8	(0.6)	3.1	(1.2)
(0.7)	9.4	(2.5)	2.3	(1.2)	5.9	(1.4)
(0.4)	6.0	(2.2)	1.5	(0.9)	3.6	(1.1)
(0.0)	5.6	(2.7)	1.4	(1.1)	3.4	(1.4)
(0.6)	4.4	(1.7)	1.1	(0.7)	2.6	(0.9)
(0.0)	2.4	(1.2)	0.5	(0.5)	1.4	(0.6)
(0.0)	9.7	(2.9)	2.6	(1.7)	6.0	(1.7)
(0.0)	3.8	(1.4)	0.7	(0.5)	2.2	(0.7)
(0.0)	5.6	(2.1)	2.2	(1.2)	3.9	(1.2)
(0.0)	2.2	(1.2)	0.9	(0.8)	1.5	(0.7)
(0.0)	5.6	(2.3)	2.4	(1.3)	4.0	(1.3)
(1.1)	2.1	(1.5)	0.9	(0.8)	1.4	(0.8)
(1.2)	10.8	(2.6)	2.0	(1.0)	6.2	(1.3)
	5.3		1.2		3.2	

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TABLE 9. Prevalence of seatbelt nonuse* in selected states, System, 1988

State	18-34		35-49		50-64	
	%	($\pm 95\%$ CI [†])	%	($\pm 95\%$ CI)	%	($\pm 95\%$ CI)
Alabama	44.5	(5.2)	49.2	(5.5)	49.0	(6.1)
Arizona	35.4	(5.2)	32.4	(5.9)	40.1	(7.5)
California	20.6	(3.1)	17.0	(3.1)	18.1	(4.5)
Connecticut	31.9	(5.4)	21.3	(4.7)	23.9	(6.5)
Dist. of Col.	20.3	(4.3)	24.8	(5.7)	18.6	(5.9)
Florida	25.9	(4.7)	26.1	(5.1)	18.2	(4.6)
Georgia	33.4	(3.7)	25.2	(5.4)	45.0	(9.6)
Hawaii	8.2	(2.8)	5.4	(2.5)	4.7	(2.8)
Idaho	40.8	(4.5)	33.0	(4.5)	39.1	(6.0)
Illinois	37.9	(4.5)	31.6	(4.6)	29.3	(5.8)
Indiana	34.8	(4.3)	31.0	(4.1)	25.3	(4.7)
Iowa	29.3	(6.0)	24.0	(6.9)	16.4	(6.8)
Kentucky	52.0	(4.6)	49.5	(5.2)	53.1	(5.7)
Maine	46.4	(5.3)	45.5	(5.5)	54.4	(6.7)
Maryland	20.9	(4.6)	16.8	(4.6)	21.2	(7.3)
Massachusetts	50.7	(4.8)	44.9	(5.4)	52.6	(7.5)
Michigan	27.0	(4.3)	19.5	(4.3)	17.2	(5.8)
Minnesota	30.0	(2.9)	25.9	(3.0)	25.4	(4.0)
Missouri	28.6	(4.3)	22.0	(4.7)	25.3	(6.0)
Montana	26.7	(5.4)	32.6	(5.7)	28.4	(6.0)
Nebraska	55.6	(5.0)	49.5	(5.8)	47.6	(6.6)
New Hampshire	51.0	(5.5)	50.2	(5.8)	58.8	(8.0)
New Mexico	25.0	(5.2)	18.4	(5.1)	16.0	(5.7)
New York	31.0	(5.6)	19.5	(4.6)	21.0	(6.4)
North Carolina	14.8	(3.4)	13.5	(3.3)	11.4	(3.7)
North Dakota	61.0	(4.9)	57.7	(5.0)	65.6	(6.1)
Ohio	33.3	(4.4)	26.7	(5.1)	25.4	(6.7)
Oklahoma	40.0	(6.0)	37.1	(6.1)	27.1	(7.4)
Rhode Island	46.5	(4.7)	46.1	(5.0)	48.9	(6.5)
South Carolina	45.0	(4.5)	49.3	(4.7)	51.3	(5.5)
South Dakota	62.7	(5.7)	70.1	(5.9)	71.1	(6.1)
Tennessee	32.3	(3.6)	33.5	(4.3)	33.6	(5.0)
Texas	16.2	(4.4)	17.5	(4.7)	14.7	(5.7)
Utah	36.2	(4.5)	35.1	(5.0)	32.4	(6.7)
Washington	18.4	(4.0)	17.2	(4.4)	14.6	(5.0)
West Virginia	55.1	(5.0)	52.3	(4.9)	62.1	(5.4)
Wisconsin	32.2	(4.8)	24.6	(4.7)	24.5	(6.2)
Median prevalence	33.3		31.0		27.1	

*Defined as sometimes, seldom, or no use of seatbelts.

[†]Confidence level.

ates, by age group and sex—Behavioral Risk Factor Surveillance

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CI)	≥65		Men		Women		Total	
	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
)	51.8	(6.6)	50.8	(4.3)	45.2	(4.0)	47.8	(2.9)
)	37.5	(7.0)	42.6	(4.7)	29.4	(4.0)	35.8	(3.2)
)	15.2	(4.4)	20.9	(2.8)	16.0	(2.3)	18.4	(1.8)
)	18.1	(5.4)	30.6	(4.6)	20.4	(3.2)	25.2	(2.8)
)	18.4	(5.8)	22.3	(4.0)	19.6	(3.5)	20.9	(2.7)
)	14.1	(3.6)	26.0	(3.6)	17.5	(2.9)	21.5	(2.4)
)	43.4	(15.4)	41.8	(5.3)	26.8	(4.1)	33.9	(3.3)
)	5.2	(3.6)	9.2	(2.8)	3.9	(1.3)	6.5	(1.6)
)	32.8	(5.2)	43.9	(4.2)	31.4	(3.1)	37.5	(2.6)
)	23.8	(5.4)	37.0	(4.0)	28.3	(3.1)	32.5	(2.6)
)	23.1	(4.4)	36.7	(3.5)	24.1	(2.8)	30.1	(2.3)
)	18.7	(6.2)	27.8	(5.6)	19.9	(4.1)	23.7	(3.5)
)	57.7	(5.4)	54.3	(4.1)	50.9	(3.4)	52.5	(2.7)
)	54.7	(6.8)	52.6	(4.9)	46.1	(3.8)	49.2	(3.1)
)	13.4	(5.3)	20.4	(4.2)	17.6	(3.4)	18.9	(2.7)
)	51.2	(6.6)	52.8	(4.8)	46.8	(3.8)	49.6	(2.9)
)	22.0	(8.7)	27.5	(4.3)	17.7	(3.2)	22.4	(2.7)
)	21.2	(3.5)	32.9	(2.7)	20.9	(2.1)	26.7	(1.7)
)	21.1	(5.5)	28.9	(4.1)	21.5	(3.1)	24.9	(2.5)
)	28.8	(6.1)	33.0	(4.7)	24.7	(4.0)	28.8	(3.2)
)	47.4	(5.8)	56.0	(4.4)	46.9	(3.8)	51.3	(2.9)
)	52.6	(8.1)	55.7	(4.8)	49.4	(4.7)	52.4	(3.4)
)	14.3	(6.1)	28.0	(4.9)	12.8	(2.9)	20.2	(2.9)
)	18.4	(5.9)	29.1	(4.6)	19.7	(3.8)	24.1	(2.9)
)	9.5	(3.2)	17.1	(3.3)	9.4	(1.9)	13.1	(1.9)
)	58.4	(5.3)	66.2	(4.0)	54.8	(3.6)	60.5	(2.8)
)	18.2	(4.8)	31.5	(4.3)	24.4	(3.4)	27.8	(2.7)
)	20.8	(6.4)	41.3	(5.2)	26.5	(3.9)	33.6	(3.3)
)	47.4	(5.3)	48.3	(4.2)	45.9	(3.4)	47.0	(2.7)
)	55.3	(6.0)	50.2	(4.0)	47.4	(3.4)	48.7	(2.7)
)	70.5	(5.8)	75.0	(4.3)	60.1	(4.1)	67.4	(3.1)
)	30.0	(4.6)	39.0	(3.6)	26.6	(2.6)	32.5	(2.2)
)	9.7	(4.9)	19.9	(4.4)	11.1	(2.5)	15.4	(2.6)
)	26.3	(6.1)	37.3	(4.2)	29.5	(3.6)	33.3	(2.8)
)	9.9	(3.6)	19.6	(3.7)	12.5	(2.6)	16.0	(2.2)
)	56.0	(5.4)	61.3	(4.3)	51.4	(3.5)	56.1	(2.8)
)	12.9	(4.7)	28.4	(4.1)	18.7	(3.5)	23.4	(2.7)
	23.1		36.7		24.7		30.1	

**TABLE 10. Prevalence of ever having had cholesterol measured in s
Factor Surveillance System, 1988**

State	18-34		35-49		50-64		
	%	($\pm 95\%$ CI*)	%	($\pm 95\%$ CI)	%	($\pm 95\%$ CI)	%
Alabama	31.2	(4.6)	45.8	(5.5)	65.3	(5.7)	59.2
Arizona	30.3	(4.6)	53.8	(6.0)	73.8	(6.7)	86.5
California	33.4	(3.3)	56.7	(4.1)	75.4	(5.3)	80.6
Connecticut	30.1	(5.0)	62.0	(5.8)	69.2	(7.0)	72.8
Dist. of Col.	43.2	(5.2)	54.2	(6.4)	67.0	(7.7)	64.9
Florida	32.5	(4.9)	56.1	(5.6)	69.5	(5.6)	78.9
Georgia	34.8	(3.5)	59.5	(6.3)	59.1	(9.7)	65.0
Hawaii	28.6	(3.9)	54.1	(5.1)	68.5	(6.8)	75.1
Idaho	24.7	(3.6)	51.4	(4.8)	70.5	(5.4)	75.2
Illinois	29.9	(4.0)	53.6	(4.9)	70.3	(5.8)	70.1
Indiana	29.2	(3.8)	50.6	(4.5)	66.7	(4.8)	69.7
Iowa	31.2	(5.8)	52.8	(7.8)	69.1	(9.0)	77.4
Kentucky	28.4	(4.0)	47.4	(5.2)	63.1	(5.6)	67.6
Maine	37.8	(5.1)	61.7	(5.6)	74.2	(5.9)	76.2
Maryland	34.2	(5.5)	59.6	(6.3)	79.9	(6.5)	75.3
Massachusetts	29.6	(4.2)	56.5	(5.7)	73.9	(6.8)	75.7
Michigan	34.2	(4.4)	62.0	(5.3)	78.6	(6.3)	83.4
Minnesota	29.7	(2.8)	56.6	(3.3)	77.7	(3.9)	77.4
Missouri	28.1	(4.3)	48.0	(5.8)	58.7	(6.8)	66.3
Montana	27.2	(4.8)	53.7	(5.7)	70.8	(5.9)	71.6
Nebraska	27.4	(4.3)	53.2	(5.8)	64.4	(6.4)	68.0
New Hampshire	34.7	(4.9)	61.7	(5.4)	74.0	(6.6)	75.6
New Mexico	25.0	(5.1)	46.8	(6.3)	59.6	(7.1)	56.6
New York	33.7	(5.6)	52.2	(6.1)	66.1	(7.4)	62.4
North Carolina	36.4	(4.6)	55.8	(5.1)	68.9	(6.2)	64.8
North Dakota	31.1	(4.3)	50.6	(5.1)	67.1	(6.1)	74.8
Ohio	29.6	(4.4)	50.2	(5.5)	68.6	(6.6)	70.4
Oklahoma	35.8	(5.7)	50.7	(6.3)	70.8	(6.9)	74.4
Rhode Island	28.0	(4.4)	56.7	(5.3)	73.7	(5.0)	65.6
South Carolina	29.0	(3.8)	49.8	(4.9)	61.3	(5.4)	58.9
South Dakota	31.4	(5.5)	43.5	(6.1)	66.4	(6.9)	68.3
Tennessee	32.5	(3.6)	52.6	(4.5)	64.9	(5.1)	66.0
Texas	29.4	(4.6)	54.8	(5.8)	71.8	(7.5)	71.3
Utah	24.9	(3.9)	50.4	(5.2)	63.1	(7.1)	70.0
Washington	33.3	(4.8)	62.8	(5.5)	78.0	(5.7)	75.5
West Virginia	28.6	(4.5)	51.9	(5.1)	66.3	(5.5)	68.0
Wisconsin	33.7	(4.7)	52.7	(5.4)	66.2	(6.7)	69.0
Median							
prevalence*	30.3		53.6		68.9		70.4

*Confidence interval.

d in selected states, by age group and sex—Behavioral Risk

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65		Men		Women		Total	
%	($\pm 95\%$ CI)	%	($\pm 95\%$ CI)	%	($\pm 95\%$ CI)	%	($\pm 95\%$ CI)
59.2	(6.4)	44.0	(4.2)	48.1	(3.8)	46.2	(2.8)
86.5	(4.8)	51.4	(5.0)	55.6	(4.2)	53.5	(3.2)
80.6	(4.6)	50.7	(3.4)	56.9	(3.1)	53.9	(2.3)
72.8	(6.8)	52.6	(5.3)	54.1	(4.1)	53.4	(3.3)
64.9	(7.6)	48.6	(4.9)	57.6	(4.7)	53.5	(3.4)
78.9	(4.4)	55.7	(4.2)	57.7	(3.7)	56.8	(2.9)
65.0	(16.8)	51.8	(4.8)	46.8	(4.6)	49.2	(3.4)
75.1	(6.9)	50.6	(4.5)	45.5	(3.9)	48.0	(3.0)
75.2	(4.5)	43.4	(4.0)	50.2	(3.3)	46.9	(2.6)
70.1	(5.1)	49.2	(4.1)	50.2	(3.5)	49.7	(2.6)
69.7	(4.6)	47.2	(3.8)	49.4	(3.1)	48.4	(2.4)
77.4	(6.5)	49.7	(6.4)	53.8	(5.1)	51.9	(4.1)
37.6	(5.3)	46.8	(4.2)	45.4	(3.2)	46.1	(2.7)
76.2	(5.7)	54.3	(4.7)	61.7	(3.8)	58.2	(3.2)
75.3	(6.5)	52.7	(5.6)	56.8	(4.4)	54.9	(3.6)
75.7	(5.4)	51.0	(4.6)	53.0	(3.8)	52.0	(3.1)
33.4	(5.7)	56.5	(4.6)	58.5	(4.0)	57.6	(3.0)
77.4	(3.4)	51.1	(2.9)	54.2	(2.5)	52.7	(1.9)
36.3	(6.2)	45.6	(4.8)	45.9	(3.7)	45.7	(3.0)
71.6	(5.8)	48.6	(4.9)	48.4	(4.3)	48.5	(3.2)
38.0	(5.4)	45.6	(4.4)	49.0	(3.8)	47.4	(2.9)
75.6	(6.6)	57.5	(4.7)	52.2	(4.2)	54.7	(3.1)
36.6	(7.8)	41.9	(5.3)	40.8	(4.1)	41.3	(3.5)
32.4	(6.9)	47.5	(5.1)	51.7	(4.3)	49.8	(3.3)
34.8	(5.7)	49.3	(4.5)	53.2	(3.5)	51.3	(2.8)
34.8	(6.0)	50.3	(3.9)	49.3	(3.7)	49.8	(2.7)
70.4	(5.0)	47.1	(4.5)	49.9	(3.7)	48.6	(2.9)
74.4	(7.3)	53.9	(5.4)	51.4	(4.3)	52.6	(3.5)
35.6	(5.1)	49.1	(4.0)	51.9	(3.5)	50.6	(2.7)
38.9	(5.8)	42.0	(3.7)	46.8	(3.4)	44.5	(2.5)
38.3	(5.7)	43.4	(4.7)	51.6	(4.5)	47.6	(3.3)
36.0	(4.8)	50.6	(3.7)	48.3	(2.9)	49.4	(2.3)
1.3	(7.4)	47.0	(5.3)	51.9	(4.2)	49.5	(3.3)
0.0	(6.3)	53.2	(4.4)	47.9	(4.1)	50.5	(3.0)
5.5	(5.8)	54.9	(4.6)	58.1	(3.9)	56.5	(3.0)
8.0	(5.1)	45.9	(4.3)	50.7	(3.6)	48.4	(2.8)
9.0	(6.3)	58.5	(4.5)	54.6	(4.3)	56.5	(3.1)
0.4		49.7		51.6		49.8	

**TABLE 11. Prevalence of adults ever told their cholesterol level
Risk Factor Surveillance System, 1988**

State	18-34		35-49		50-64		%
	%	(\pm 95% CI)*	%	(\pm 95% CI)	%	(\pm 95% CI)	
Alabama	13.0	(3.3)	20.2	(4.2)	32.3	(5.7)	17.5
Arizona	14.7	(3.6)	33.3	(5.8)	46.3	(8.2)	52.0
California	13.9	(2.3)	31.2	(3.8)	41.9	(5.4)	43.0
Connecticut	15.6	(3.6)	40.1	(5.7)	44.7	(7.3)	40.0
Dist. of Col.	17.2	(4.0)	24.8	(5.7)	29.9	(7.4)	30.0
Florida	14.8	(3.5)	32.6	(5.4)	39.8	(6.0)	42.0
Georgia	19.6	(3.1)	35.1	(6.2)	35.5	(9.0)	28.0
Hawaii	14.5	(3.1)	38.6	(5.2)	39.7	(6.8)	44.0
Idaho	14.3	(2.9)	35.6	(4.7)	48.4	(6.1)	39.0
Illinois	13.1	(2.6)	30.3	(4.5)	37.2	(6.0)	33.0
Indiana	11.9	(2.7)	25.3	(3.7)	34.7	(5.0)	30.0
Iowa	17.3	(4.7)	37.7	(7.2)	47.8	(8.8)	45.0
Kentucky	11.4	(2.8)	24.9	(4.5)	33.3	(5.5)	22.0
Maine	24.9	(4.6)	41.9	(5.6)	48.5	(6.8)	44.0
Maryland	17.6	(3.9)	37.8	(6.2)	49.4	(7.9)	36.0
Massachusetts	16.0	(3.2)	33.7	(5.3)	45.5	(7.9)	38.0
Michigan	20.8	(3.9)	45.0	(5.4)	56.4	(7.3)	49.0
Minnesota	19.3	(2.3)	43.1	(3.3)	57.7	(4.5)	46.0
Missouri	13.4	(3.3)	28.2	(5.3)	36.2	(6.7)	25.0
Montana	16.3	(3.8)	39.3	(5.6)	47.5	(6.6)	41.0
Nebraska	15.8	(3.3)	36.6	(5.5)	46.6	(6.6)	43.0
New Hampshire	18.3	(3.8)	41.4	(5.8)	45.3	(7.7)	44.0
New Mexico	8.6	(2.9)	25.6	(5.5)	30.5	(6.8)	25.0
New York	13.3	(4.1)	16.8	(4.4)	28.0	(6.4)	23.0
North Carolina	14.5	(3.1)	30.8	(4.7)	39.5	(6.3)	30.0
North Dakota	19.1	(3.6)	34.8	(4.8)	48.0	(6.4)	37.0
Ohio	13.1	(2.9)	24.4	(4.8)	33.3	(6.0)	32.0
Oklahoma	22.8	(4.8)	37.0	(6.2)	46.0	(7.7)	45.0
Rhode Island	11.9	(3.3)	30.1	(4.8)	35.4	(6.1)	27.0
South Carolina	9.6	(2.5)	22.8	(4.0)	28.4	(5.1)	19.0
South Dakota	20.4	(4.7)	34.1	(5.9)	43.1	(6.9)	41.0
Tennessee	9.9	(2.2)	20.9	(3.6)	25.6	(4.5)	23.0
Texas	13.7	(3.5)	36.0	(5.8)	41.9	(7.6)	37.0
Utah	12.1	(2.8)	22.3	(4.4)	32.4	(6.8)	33.0
Washington	19.8	(3.9)	47.1	(5.6)	57.6	(6.8)	47.0
West Virginia	13.9	(3.5)	27.3	(4.5)	27.3	(4.7)	27.0
Wisconsin	20.0	(3.9)	41.2	(5.4)	47.3	(7.1)	42.0
Median prevalence	14.7		33.7		41.9		37.0

*Confidence interval.

level in selected states, by age group and sex—Behavioral

≥65		Men		Women		Total	
%	(±95% CI)	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
17.9	(4.6)	19.0	(3.1)	19.7	(2.9)	19.4	(2.2)
52.8	(7.4)	31.3	(4.7)	31.7	(3.7)	31.5	(3.1)
43.4	(5.9)	27.5	(3.0)	28.0	(2.7)	27.7	(2.0)
40.1	(7.0)	32.3	(4.7)	31.5	(3.7)	31.8	(3.0)
30.1	(7.6)	20.4	(4.0)	25.7	(4.0)	23.3	(2.8)
42.1	(5.4)	31.6	(3.7)	29.7	(3.4)	30.6	(2.6)
28.5	(12.1)	28.2	(4.1)	27.7	(4.3)	28.0	(3.0)
44.1	(8.0)	32.0	(4.0)	25.5	(3.3)	28.7	(2.6)
39.1	(5.0)	27.0	(3.6)	31.4	(2.9)	29.3	(2.3)
33.3	(5.9)	25.6	(3.5)	24.7	(3.0)	25.1	(2.4)
30.0	(4.8)	22.6	(3.1)	22.5	(2.6)	22.6	(2.0)
45.4	(7.4)	30.2	(5.5)	35.3	(5.0)	32.9	(3.7)
22.9	(4.7)	23.4	(3.5)	18.4	(2.5)	20.8	(2.1)
44.3	(6.7)	35.8	(4.7)	39.1	(3.8)	37.5	(3.0)
36.7	(7.1)	30.2	(4.9)	32.5	(4.3)	31.4	(3.2)
38.2	(6.5)	29.9	(4.1)	29.0	(3.5)	29.4	(2.7)
49.7	(8.6)	39.4	(4.7)	37.7	(3.8)	38.5	(3.0)
46.2	(4.2)	36.2	(2.7)	36.4	(2.4)	36.3	(1.8)
25.8	(5.4)	25.7	(3.9)	21.7	(3.1)	23.6	(2.5)
41.8	(6.5)	32.1	(4.5)	31.0	(3.8)	31.6	(2.9)
43.0	(5.8)	29.8	(3.9)	32.3	(3.5)	31.1	(2.6)
44.8	(7.8)	35.5	(4.6)	30.6	(3.6)	32.9	(2.9)
25.4	(7.6)	19.8	(4.2)	18.8	(3.3)	19.3	(2.8)
23.9	(6.7)	17.2	(3.8)	20.6	(3.6)	19.0	(2.6)
30.3	(5.3)	26.9	(3.7)	24.2	(2.9)	25.5	(2.4)
37.2	(5.4)	31.9	(3.7)	29.9	(3.3)	30.9	(2.6)
32.1	(6.2)	23.4	(3.7)	22.2	(3.0)	22.7	(2.4)
45.6	(8.8)	36.4	(5.0)	32.7	(4.0)	34.5	(3.2)
27.7	(4.6)	23.4	(3.5)	23.9	(2.9)	23.7	(2.3)
19.7	(5.0)	18.8	(2.9)	17.0	(2.6)	17.8	(1.9)
41.3	(6.2)	29.6	(4.3)	33.5	(4.0)	31.6	(2.9)
23.6	(4.3)	17.9	(2.7)	18.1	(2.1)	18.0	(1.7)
37.1	(8.0)	28.6	(4.6)	27.4	(3.8)	28.0	(3.0)
33.9	(6.8)	26.5	(3.9)	21.8	(3.6)	24.1	(2.6)
47.0	(6.9)	39.9	(4.4)	37.6	(3.8)	38.7	(2.9)
27.1	(4.8)	19.0	(3.4)	24.6	(3.0)	22.0	(2.3)
42.3	(6.8)	40.8	(4.6)	38.6	(4.3)	39.6	(3.2)
37.2		28.6		28.0		28.7	

TABLE 12. Prevalence of knowing cholesterol level in selected states, Surveillance System, 1988

State	18-34		35-49		50-64	
	%	(\pm 95% CI*)	%	(\pm 95% CI)	%	(\pm 95% CI)
Alabama	5.2	(2.0)	8.8	(3.0)	20.5	(4.9)
Arizona	5.5	(2.3)	18.4	(4.7)	23.6	(6.5)
California	5.0	(1.5)	15.9	(3.1)	23.1	(4.5)
Connecticut	6.1	(2.4)	21.3	(5.0)	22.3	(6.2)
Dist. of Col.	4.7	(2.0)	6.9	(3.8)	8.5	(4.4)
Florida	5.2	(2.1)	10.6	(3.6)	16.8	(4.7)
Georgia	6.8	(1.9)	11.6	(3.5)	12.4	(6.0)
Hawaii	5.0	(1.9)	18.5	(4.5)	18.9	(5.1)
Idaho	4.5	(1.8)	16.7	(3.7)	24.0	(5.5)
Illinois	4.9	(1.6)	12.2	(3.4)	21.6	(5.2)
Indiana	5.4	(1.9)	12.3	(2.9)	20.8	(4.1)
Iowa	7.2	(3.2)	21.7	(6.1)	25.2	(7.8)
Kentucky	4.1	(1.6)	15.2	(3.5)	20.3	(4.6)
Maine	13.3	(3.5)	24.1	(5.0)	28.1	(6.2)
Maryland	4.9	(2.2)	16.0	(4.5)	22.0	(6.3)
Massachusetts	7.0	(2.2)	17.3	(4.2)	22.5	(6.5)
Michigan	8.0	(2.7)	28.5	(5.0)	41.1	(7.2)
Minnesota	8.2	(1.5)	20.1	(2.7)	35.7	(4.4)
Missouri	5.5	(2.2)	12.1	(3.9)	13.8	(4.6)
Montana	7.3	(2.6)	18.7	(4.5)	27.2	(5.7)
Nebraska	5.0	(1.9)	13.7	(3.9)	21.7	(5.2)
New Hampshire	6.0	(2.2)	21.8	(4.8)	20.6	(5.9)
New Mexico	2.1	(1.4)	9.1	(3.8)	14.6	(5.2)
New York	7.3	(3.1)	10.1	(3.6)	18.2	(5.5)
North Carolina	6.5	(2.2)	16.9	(3.6)	23.0	(5.4)
North Dakota	7.4	(2.3)	19.5	(4.0)	25.9	(5.9)
Ohio	3.5	(1.5)	14.4	(4.0)	21.5	(5.4)
Oklahoma	10.9	(3.5)	14.9	(4.5)	22.3	(6.3)
Rhode Island	7.3	(2.5)	18.9	(4.1)	21.1	(5.0)
South Carolina	4.7	(1.7)	13.4	(3.4)	16.9	(4.1)
South Dakota	7.5	(2.6)	17.3	(4.9)	23.7	(5.9)
Tennessee	4.6	(1.5)	9.7	(2.5)	11.6	(3.1)
Texas	2.7	(1.6)	13.8	(4.1)	22.6	(6.6)
Utah	6.7	(2.1)	10.6	(3.2)	19.0	(5.6)
Washington	8.3	(2.7)	25.2	(4.9)	32.2	(6.5)
West Virginia	3.2	(1.6)	12.3	(3.4)	15.7	(3.9)
Wisconsin	9.4	(2.8)	20.7	(4.4)	26.6	(6.0)
Median prevalence	5.5		15.9		21.7	20.4

*Confidence interval.

ed states, by age group and sex—Behavioral Risk Factor

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65		Men		Women		Total	
%	(± 95% CI)	%	(± 95% CI)	%	(± 95% CI)	%	(± 95% CI)
6.7	(2.8)	8.7	(2.2)	9.8	(2.2)	9.3	(1.5)
8.9	(6.6)	16.1	(3.7)	15.8	(2.9)	16.0	(2.3)
8.2	(5.6)	14.5	(2.4)	14.5	(2.1)	14.5	(1.7)
23.3	(5.8)	15.8	(3.6)	16.6	(3.0)	16.2	(2.4)
0.3	(5.1)	7.0	(2.4)	6.7	(2.3)	6.8	(1.7)
19.4	(4.2)	12.5	(2.6)	12.0	(2.4)	12.3	(1.7)
7.7	(9.9)	10.5	(2.9)	9.8	(2.6)	10.1	(1.9)
23.8	(6.6)	15.2	(2.9)	11.1	(2.4)	13.1	(1.9)
23.3	(4.4)	13.8	(2.7)	13.7	(2.1)	13.7	(1.7)
21.1	(5.2)	12.2	(2.7)	12.6	(2.2)	12.4	(1.8)
17.8	(3.9)	12.2	(2.2)	12.1	(2.1)	12.1	(1.6)
24.6	(6.8)	16.6	(4.3)	17.5	(3.8)	17.1	(2.8)
13.5	(3.7)	12.2	(2.6)	10.7	(2.0)	11.4	(1.6)
22.9	(5.5)	19.2	(3.7)	22.2	(3.3)	20.8	(2.4)
21.0	(6.1)	12.2	(3.2)	14.0	(3.1)	13.2	(2.2)
20.9	(5.6)	14.9	(3.3)	14.6	(2.7)	14.7	(2.1)
26.4	(7.2)	23.1	(4.1)	22.4	(3.4)	22.7	(2.7)
26.7	(3.8)	17.9	(2.1)	20.1	(2.0)	19.0	(1.5)
13.2	(4.2)	10.7	(2.8)	9.5	(2.4)	10.1	(1.8)
21.6	(5.6)	14.2	(3.1)	17.7	(3.1)	16.0	(2.1)
19.5	(4.7)	12.9	(2.7)	12.5	(2.4)	12.7	(1.7)
21.9	(6.2)	14.0	(3.2)	15.9	(2.9)	15.0	(2.2)
13.0	(5.0)	9.2	(3.1)	6.4	(1.8)	7.7	(1.8)
17.3	(5.9)	11.2	(3.3)	12.6	(2.8)	12.0	(2.1)
17.4	(4.7)	14.0	(2.8)	13.5	(2.3)	13.7	(1.8)
21.7	(4.5)	15.2	(2.7)	16.7	(2.6)	16.0	(2.0)
18.9	(5.3)	12.7	(2.9)	11.6	(2.3)	12.1	(1.8)
20.4	(7.2)	16.9	(4.0)	14.5	(3.0)	15.6	(2.5)
20.0	(4.1)	12.7	(2.6)	17.1	(2.6)	15.0	(1.9)
13.5	(4.5)	10.8	(2.3)	10.1	(2.1)	10.4	(1.5)
20.5	(5.2)	13.3	(3.3)	16.8	(3.0)	15.1	(2.2)
12.3	(3.3)	8.2	(1.8)	8.8	(1.5)	8.5	(1.2)
16.8	(6.6)	11.4	(3.1)	11.1	(2.5)	11.3	(2.0)
19.5	(5.6)	15.2	(3.3)	11.0	(2.6)	13.0	(2.1)
30.0	(6.5)	21.3	(3.7)	20.6	(3.2)	20.9	(2.4)
12.4	(3.6)	8.2	(2.2)	10.5	(2.0)	9.4	(1.4)
23.5	(5.9)	20.1	(3.8)	21.7	(3.7)	21.0	(2.6)
20.4		13.4		13.5		13.2	



TABLE 13. Prevalence of ever having had a mammogram in selected states, by age group—Behavioral Risk Factor Surveillance System, 1988

State	40-49		50-64		≥65		≥40	
	%	(±95% CI)*	%	(±95% CI)	%	(±95% CI)	%	(±95% CI)
California	65.0	(7.0)	70.0	(7.9)	64.5	(6.6)	66.5	(4.2)
Dist. of Col.	63.3	(11.7)	65.1	(9.4)	56.3	(9.5)	61.4	(5.7)
Illinois	53.3	(8.4)	61.7	(7.9)	48.8	(8.0)	54.5	(4.7)
Indiana	52.1	(8.4)	46.6	(6.9)	32.3	(5.6)	42.7	(4.0)
Kentucky	53.2	(8.9)	54.3	(7.3)	38.3	(6.3)	48.0	(4.4)
Maine	67.5	(9.1)	65.4	(7.9)	46.5	(8.2)	58.7	(5.0)
Maryland	67.2	(9.4)	64.1	(10.3)	52.7	(9.4)	61.9	(5.8)
Montana	51.1	(10.9)	59.8	(8.9)	43.9	(8.4)	51.9	(5.3)
Nebraska	41.5	(9.2)	48.6	(8.8)	37.8	(7.3)	42.4	(4.8)
New Hampshire	61.8	(9.3)	79.5	(7.1)	60.6	(9.3)	67.5	(5.1)
New Mexico	48.8	(10.8)	51.5	(9.2)	43.0	(9.8)	47.8	(5.8)
New York	50.2	(11.2)	60.0	(9.2)	52.4	(8.7)	54.0	(5.6)
North Carolina	54.5	(8.6)	57.9	(7.4)	46.6	(7.3)	53.0	(4.6)
Oklahoma	46.9	(12.7)	56.0	(10.6)	50.5	(10.6)	51.4	(6.4)
South Carolina	47.3	(7.9)	51.2	(8.0)	30.6	(7.1)	42.0	(4.5)
Washington	60.7	(9.6)	68.8	(8.4)	52.0	(8.8)	60.4	(5.2)
Wisconsin	64.4	(10.5)	59.7	(9.4)	53.5	(8.6)	58.9	(5.5)
Median prevalence	53.3		59.8		48.5		54.0	

*Confidence interval.

APPENDIX 1

Behavioral Risk Factor Surveillance System State Coordinators, 1990

State	Coordinator	Phone Number
Alabama	Laurie Eldridge	205-242-2546
Alaska	Diana Barton	907-586-1877
Arizona	John Contreras	602-255-1292
Arkansas	Douglas R. Murray	501-661-2368
California	William E. Wright	916-322-4787
Colorado	Carol Garrett	303-331-4885
Connecticut	Mary Adams	203-566-7867
Delaware	Fred Breukelman	302-736-4724
District of Columbia	Armondo Perugo	202-673-2171
Florida	Scott Hoecherl	904-488-2901
Georgia	J. David Smith	404-894-6525
Hawaii	Arnold Villafuerte	808-548-5886
Idaho	Joanne Mitten	208-334-5933
Illinois	Bruce Steiner	217-785-2060
Indiana	Sunita Joseph	317-633-0133
Iowa	Susan Tietje	515-281-3763
Kansas	Virginia Lockhart	913-296-1216
Kentucky	Karen Bramblett	502-564-7112
Louisiana	Shirley Kirk-Connell	504-568-7210
Maine	Jean L. Sheridan	207-289-5180
Maryland	Alyse Weinstein	301-225-6778
Massachusetts	Lauren Koumjian	617-727-2662
Michigan	John C. Thrush	517-335-8397
Minnesota	Nagi Salem	612-823-5502
Mississippi	Ellen Jones	601-960-7499
Missouri	Jeannette Jackson-Thompson	314-876-8100
Montana	Marsha McFarland	406-444-4488
Nebraska	RoxAnn Thurber	402-471-3492
Nevada	Joe Jarvis	702-885-4740
New Hampshire	Kay Zaso	603-271-4475
New Jersey	Georgette Boeselager	609-588-7470
New Mexico	Lydia Pendley	505-827-2380
New York	Helen Bzduch	518-474-1222
North Carolina	Chanetta R. Washington	919-733-7081
North Dakota	Marge Maetzold	919-733-7081
Ohio	Ellen Capwell	614-466-2144
Oklahoma	Neil Hann	405-271-5601
Oregon	Joyce Grant-Worley	503-229-6123
Pennsylvania	Cathy Becker	717-787-5900
Rhode Island	Robert Cabral	401-277-6957
South Carolina	Daniel Lackland	803-734-4120
South Dakota	Susan Moritz	605-773-3693
Tennessee	David Ridings	615-741-0380
Texas	Juli Fellows	512-458-7405
Utah	Brad Neiger	801-538-6120
Vermont	Mary Ann Freedman	802-863-7300
Virginia	Janice Bowie	804-786-3551
Virgin Islands	Anne Hatcher	809-773-1311
Washington	Kristine Tollestrup	206-586-6196
West Virginia	James Criniti	304-348-0644
Wisconsin	Michael Soref	608-266-2583
Wyoming	Menlo Futa	307-777-6011

APPENDIX 2

States Participating in the Behavioral Risk Factor Surveillance System, 1981-1990

State	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
Alabama		P*				S [†]	S	S	S	S
Alaska		P								
Arizona		P		S	S	S	S	S	S	S
Arkansas			P					P		
California		P		S	S	S	S	S	S	S
Colorado	P						P			S
Connecticut					S			S	S	S
Delaware		P								S
District of Columbia		P			S	S	S	S	S	S
Florida	P				S	S	S	S	S	S
Georgia	P				S			S	S	S
Hawaii				P		S	S	S	S	S
Idaho				S	S	S	S	S	S	S
Illinois				S	S	S	S	S	S	S
Indiana		P		S	S	S		S	S	S
Iowa		P						S	S	S
Kansas		P								
Kentucky		P			S	S	S	S	S	S
Louisiana									P	S
Maine							S	S	S	S
Maryland						P	S	S	S	S
Massachusetts						S	S	S	S	S
Michigan		P					S	S	S	S
Minnesota				S	S	S	S	S	S	S
Mississippi					P			P		S
Missouri					P	S	S	S	S	S
Montana		P		S	S	S	S	S	S	S
Nebraska		P					S	S	S	S
Nevada								P		
New Hampshire		P					S	S	S	S
New Jersey		P								S
New Mexico		P				S	S	S	S	S
New York			P		S	S	S	S	S	S
North Carolina		P		S	S	S	S	S	S	S
North Dakota				P	S	S	S	S	S	S
Ohio		P		S	S	S	S	S	S	S
Oklahoma								S	S	S
Oregon								P	S	S
Pennsylvania		P							S	S
Rhode Island				S	S	S	S	S	S	S
South Carolina				S	S	S	S	S	S	S
South Dakota				P		S	S	S	S	S
Tennessee		P		S	S	S	S	S	S	S
Texas		P		P		S	S	S	S	S
Utah				S	S	S	S	S	S	S
Vermont										S
Virginia		P							S	S
Virgin Islands									P	
Washington							S	S	S	S
West Virginia		P		S	S	S	S	S	S	S
Wisconsin				S	S	S	S	S	S	S
Wyoming		P								

*P = point-in-time survey

†S = surveillance



Abortion Surveillance, 1986-1987

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Summary

Since 1980, the number of legal abortions reported to CDC has remained fairly stable, varying each year by <3%. In 1986, 1,328,112 abortions were reported; in 1987, that number increased by approximately 2% to 1,353,671. The abortion ratio for 1986 was 354 legally induced abortions per 1,000 live births; the ratio for 1987 was 356 per 1,000. The national abortion rate was 23/1,000 females ages 15-44 years for 1986 and 24/1,000 females ages 15-44 years in 1987. Abortion ratios were higher among women of black and other minority races and among women <15 years of age. Women undergoing legally induced abortions tended 1) to be young, white, and unmarried, 2) to have had no previous live births, and 3) to be having the procedure for the first time. In 1987, approximately half of all abortions were performed before the eighth week of gestation, and >85% were performed during the first trimester of pregnancy (<13 weeks of gestation).

INTRODUCTION

In 1969, CDC began abortion surveillance to document the number and characteristics of women obtaining abortions and to assist efforts to eliminate preventable causes of morbidity and mortality associated with abortions. This report presents abortion data reported to CDC for 1986 and 1987.

METHODS

For 1986 and 1987, CDC received data from 52 reporting areas: 50 states, New York City, and the District of Columbia. Total numbers of abortions were available from all reporting areas, most of which provided information on the characteristics of women obtaining abortions. Central health agencies* reported data for 43 areas in 1986 and

*Includes state health departments and health departments from New York City and the District of Columbia.

45 areas in 1987; hospitals and other medical facilities reported data for the other nine reporting areas in 1986 and the other seven in 1987. Data are reported by state of occurrence unless otherwise noted.

National statistics for 1986, 1987, and selected previous years are presented in a summary table (Table 1) and in Table 2. Percentage distributions in Table 1 include data from all areas reporting a given characteristic and exclude all unknown values. State-specific characteristics of women obtaining abortions in 1986 and 1987 are presented in Tables 3-12; overall tabulations of selected characteristics are presented in Tables 13-20.

RESULTS

In 1986, 1,328,112 legal abortions were reported to CDC—0.03% less than the number reported for the previous year (1). In 1987, the number increased to 1,353,671, an increase of approximately 2% from the 1986 figure. The national abortion rate decreased from 24 abortions/1,000 women ages 15-44 in 1985 to 23/1,000 in 1986 and increased again to 24/1,000 in 1987. The abortion ratio remained stable from 1985 to 1986, at 354 abortions/1,000 live births, and then increased to 356/1,000 in 1987 (Table 1, Figures 1-3).

In 1986 and 1987, as in previous years, the largest numbers of abortions were performed in California, New York City, and Texas; the smallest numbers of abortions were performed in Wyoming, Alaska, and South Dakota (1,2). For women whose state of residence was known, approximately 92% had the abortion procedure done within their state of residence. For both years, the percentage of abortions obtained by out-of-state residents ranged from approximately 50% in the District of Columbia to <1% in Alaska (Tables 3 and 4). Data on the percentage of abortions obtained by out-of-state residents are not available for five reporting areas in 1986 and for seven reporting areas in 1987.

In 1986, 37 states, the District of Columbia, and New York City reported legal abortions by age; in 1987, 39 states, the District of Columbia, and New York City reported those figures. In both years, women 20-24 years of age had approximately 33% of all abortions, whereas women <15 years of age had approximately 1% (Tables 5 and 6). The abortion ratio was highest for women <15 years of age and second highest for women 15-19 years of age. The abortion ratio for women <15 years of age was 1,163 abortions/1,000 live births in 1986 and 1,275/1,000 in 1987; the ratio for women 15-19 years of age was 650/1,000 in 1986 and 668/1,000 in 1987 (Figure 4). Although teenagers' abortion ratios were the highest during 1986-1987, the proportion of legal abortions they obtained continued to remain stable. Teenagers had 25% of all legal abortions in 1986 and 26% in 1987. Among that age group, the abortion ratio was lowest among 19-year-olds and highest among those <15 years of age (Tables 7 and 8).

In 1986 and 1987, approximately 49% of reported legal abortions were performed before 8 weeks of gestation, and 87% were done at or before 12 weeks of gestation (Tables 9 and 10). Four percent of the abortions for those 2 years were performed at 16-20 weeks of gestation, and <1% at ≥ 21 weeks of gestation.

In both years, approximately 96% of reported legal abortions were performed by curettage (Tables 11 and 12). In less than 2%, the method was intrauterine saline or prostaglandin instillation.

In 1986 and 1987, almost two-thirds of women obtaining legal abortions were white; this finding continued a previously noted trend (1,2) (Table 13). The abortion ratio, however, was higher for black women and women of other minority races than for white women: 488 versus 269 abortions/1,000 live births in 1986 and 500 versus 267 abortions/1,000 in 1987.

The percentage of women undergoing legal abortions who were unmarried fell from approximately 80% in 1985 to 73% in 1986, and then to almost 70% in 1987. The abortion ratio was approximately 10 times higher for unmarried women than for married women: 958 versus 102 abortions/1,000 live births in 1986 and 1,019 versus 96/1,000 in 1987 (Table 14).

In both years, approximately 53% of the women obtaining legal abortions had had no previous live births, and approximately 88% had had two or fewer live births (Table 15). In both 1986 and 1987, the abortion ratio was highest for women who had had no live births and lowest for women who had had one live birth. Approximately 55% of women obtaining abortions in 1986 and 1987 had the procedure for the first time, whereas approximately 14% had had at least two abortions (Table 16).

When the proportions of women undergoing abortions were analyzed by age group and marital status, few differences were reported between white women and women of black and other minority races (Tables 17 and 18). However, the proportion of black and other minority women <15 years of age having abortions was approximately twice that of white women in this age group.

When analyzed by gestational age, approximately 99% of abortions at ≤ 12 weeks of gestation were performed by curettage (Tables 19 and 20). After 12 weeks of gestation, the most common procedure was curettage, which was usually reported as dilatation and evacuation (D&E). Most intrauterine instillations involved the use of saline and were performed at ≥ 16 weeks of gestation.

DISCUSSION

From 1970 to 1982, the reported number of legal abortions in the United States increased every year (Figure 1); the largest percentage increase occurred during the period 1970-1972. From 1976 to 1982, this annual increase declined continuously, reaching a low of 0.2% for 1981-1982. However, since 1983, the numbers, as well as the rates and ratios of abortion, have remained relatively stable, with small (<3%) year-to-year fluctuations (1).

The abortion ratio increased each year from 1970 to 1980 and has remained relatively stable since 1980 (Figure 2). In 1986, the abortion ratio was 354.2 abortions/1,000 live births, and in 1987 it increased slightly to 356.1. The abortion rate also increased each year through 1980, when it reached 25 abortions/1,000 females ages 15-44. Since that time, the rate has remained stable, fluctuating from 23 to 24 abortions/1,000 women ages 15-44 (Figure 3).

The numbers of legal abortions reported to CDC in 1986 and 1987 were probably lower than the numbers actually performed. These numbers are based primarily on information provided by central health agencies, whose totals are often lower than those obtained by direct surveys of abortion providers (3). For example, in 1987, the total number of abortions reported by CDC was approximately 13% lower than that reported by the Alan Guttmacher Institute, a private organization that obtains information directly from abortion providers (4).

In each year from 1975 through 1985, the proportion of women obtaining an abortion in their state of residence increased from 89% in 1975 to 93% in 1983 and has remained at approximately 92% since 1984.

In 1972, the women obtaining abortions were almost evenly distributed among three age groups: ≤ 19 years of age; 20-24 years of age; and ≥ 25 years of age. Between 1972 and 1987, the proportion of abortions obtained by teenagers decreased steadily from 33% to 26%. Upward shifts in the age of women in the population may account for the continuing greater proportion, in 1986 and 1987, of abortions obtained by women ≥ 20 years of age (5,6).

We observed several other trends—not necessarily related to each other—concerning the women who obtained abortions between 1972 and 1987. During the period 1972-1985, the proportion of women obtaining abortions who were unmarried increased steadily from 70% to 81%. In 1986, the proportion of unmarried women decreased to 73% and further declined in 1987 to 70%. The percentages of black women and women of other minority races increased from 23% in 1972 to 32% in 1987, and the proportion of women with one or no previous live births increased from 67% to 73% during the same period. The percentage distribution by gestational age has been stable since 1977.

In 1986 and 1987, the trend continued for a smaller proportion of women to obtain abortions for the first time; 87% of women in 1974 and 55% of women in 1987 had had no previous abortions. During this 13-year period, the percentage of women who had previously had one induced abortion increased from 11% to 25%, the percentage of those who had had two induced abortions increased from 1.5% to 9.6%, and the percentage of those who had had three or more induced abortions increased from 0.4% to 4.7%. These increases probably reflect the ongoing availability of abortions, the increasing number of women at risk of having a repeat abortion, and the fact that women who have had an abortion are more likely to have another (7,8).

Between 1972 and 1987, the percentage of abortions performed by curettage increased from 89% to 97%. Surveillance during the same period showed declines in the percentages of abortions performed by intrauterine instillation (from 10% to 1%) and by hysterectomy and hysterotomy (from 0.6% to 0.1%).

Between 1975 and 1987, the percentage of second-trimester abortions performed by D&E increased from 33% to 76%, whereas the percentage of second-trimester abortions performed by intrauterine instillation decreased from 57% to 10%. This increasing use of D&E most likely reflects improved technology and physicians' awareness that a lower risk of complications is associated with D&Es than with instillation procedures (9).

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TABLE 1. Characteristics of women obtaining legal abortions, United States, 1972-1978

Characteristics	1972	1973	1974	1976	1978	Percent
Reported number of legal abortions	586,760	615,831	763,476	988,267	1,157,776	1,2
Abortion ratio*	180.1	196.3	241.6	312.0	347.3	
Abortion rate†	13	14	17	21	23	
Residence						
Abortion in-state	56.2	74.8	86.6	90.0	89.3	
Abortion out-of-state	43.8	25.2	13.4	10.0	10.7	
Age (years)						
≤19	32.6	32.7	32.7	32.1	30.0	
20-24	32.5	32.0	31.8	33.3	35.0	
≥25	34.9	35.3	35.6	34.6	34.9	
Race						
White	77.0	72.5	69.7	66.6	67.0	
Black and other	23.0	27.5	30.3	33.4	33.0	
Marital Status						
Married	29.7	27.4	27.4	24.6	26.4	
Unmarried	70.3	72.6	72.6	75.4	73.6	
Number of live births †						
0	49.4	48.6	47.8	47.7	56.6	
1	18.2	18.8	19.6	20.7	19.2	
2	13.3	14.2	14.8	15.4	14.1	
3	8.7	8.7	8.7	8.3	5.9	
≥4	10.4	9.7	9.0	7.9	4.2	

United States, selected years, 1972-1987

	1980	1982	1984	1985	1986	1987
	1,297,606	1,303,980	1,333,521	1,328,570	1,328,112	1,353,671
	359.2	354.3	364.1	353.8	354.2	356.1
	25	24	24	24	23	24
Percentage Distribution ^a						
	92.6	92.9	92.0	92.4	92.4	91.7
	7.4	7.1	8.0	7.6	7.6	8.3
	29.2	27.1	26.4	26.3	25.3	25.8
	35.5	35.1	35.3	34.7	34.0	33.4
	35.3	37.8	38.3	39.0	40.7	40.8
	69.9	68.5	67.4	66.6	67.0	66.4
	30.1	31.5	32.6	33.4	33.0	33.6
	23.1	22.0	20.5	19.3	23.5	27.2
	76.9	78.0	79.5	80.7	76.5	72.8
	58.4	57.8	57.0	56.3	55.1	53.6
	19.5	20.3	20.9	21.6	22.1	22.8
	13.7	13.9	14.4	14.5	14.9	15.5
	5.3	5.1	5.1	5.1	5.3	5.5
	3.2	2.9	2.6	2.5	2.6	2.6

TABLE 1. Characteristics of women obtaining legal abortions, United States, 1972-1976

Characteristics	1972	1973	1974	1976	1978
Type of procedure					
Curettage	88.6	88.4	89.7	92.8	94.6
Suction	65.2	74.9	77.4	82.6	90.2
Sharp	23.4	13.5	12.3	10.2	4.4
Intrauterine					
instillation	10.4	10.4	7.8	6.0	3.9
Hysterotomy/ hysterectomy	0.6	0.7	0.6	0.2	0.1
Other	0.5	0.6	1.9	0.9	1.4
Weeks of Gestation					
≤8	34.0	36.1	42.6	47.0	52.2
9-10	30.7	29.4	28.7	28.0	26.9
11-12	17.5	17.9	15.4	14.4	12.3
13-15	8.4	6.9	5.5	4.5	4.0
16-20	8.2	8.0	6.5	5.1	3.7
≥21	1.3	1.7	1.2	0.9	0.9

*Abortions per 1,000 live births.

†Abortions per 1,000 females 15-44 years of age.

‡Excludes unknowns. Since the number of states reporting each characteristic varied, data are not comparable in some years. Data are made with caution.

§For years 1972-1976, data indicate number of living children.

**<0.05%

United States, selected years, 1972-1987 — Continued

	1980	1982	1984	1985	1986	1987
95.5	96.4	96.8	97.5	97.0	97.2	
89.8	90.6	93.1	94.6	94.5	93.3	
5.7	5.8	3.7	2.9	2.5	3.7	
3.1	2.5	1.9	1.7	1.4	1.3	
0.1	0.0**	0.0**	0.0**	0.0**	0.0**	
1.3	1.0	1.3	0.8	1.6	1.5	
51.7	50.6	50.5	50.3	51.0	50.4	
26.2	26.7	26.4	26.6	25.8	26.0	
12.2	12.4	12.6	12.5	12.2	12.4	
5.2	5.3	5.8	5.9	6.1	6.2	
3.9	3.9	3.9	3.9	4.1	4.2	
0.9	1.1	0.8	0.8	0.8	0.8	

Characteristic varies from year to year, temporal comparisons should be

TABLE 2. Source of abortion reporting, number of reported abortions, and abortion ratio and rate, by year, United States, selected years

	1972	1976	1980	1983	1984	1985	1986	1987
Number of reporting areas* that report data through central health agency	21	41	47	46	44	44	43	45
Number of reporting areas that report data through hospitals and other medical facilities	8	11	5	6	8	8	9	7
Total number of abortions reported to CDC	586,760	988,267	1,297,606	1,268,987	1,333,521	1,328,570	1,328,112	1,353,671
Abortion ratio (abortions per 1,000 live births)	180.1	312.0	359.2	348.7	364.1	353.8	354.2	356.1
Abortion rate (abortions per 1,000 females ages 15-44)	13	21	25	23	24	24	23	24

*The 52 reporting areas consist of 50 states, the District of Columbia, and New York City.

TABLE 3. Reported number of legal abortions, abortion ratios and rates, and percentage of abortions obtained by out-of-state residents, by state of occurrence, 1986

State	Abortions*	Ratio [†]	Rate [‡]	Percentage of abortions obtained by out-of-state residents [§]
Alabama	15,540**	261	17	6.4
Alaska	1,751**	144	13	0.0
Arizona	14,522	239	19	6.2
Arkansas	6,437 ^{††}	187	13	3.1
California	313,226 ^{§§}	650	49	—
Colorado	14,144	257	17	5.9
Connecticut	19,868	443	26	3.3
Delaware	4,205	416	28	—
Dist. of Col.	19,942	^{††}	^{***}	49.7
Florida	50,262	300	20	—
Georgia	33,246	339	23	8.4
Hawaii	5,700	312	25	0.8
Idaho	2,068	126	9	7.5
Illinois	61,575**	349	22	2.0
Indiana	14,821	187	11	3.4
Iowa	6,930**	179	11	6.7
Kansas	5,974	152	10	38.8
Kentucky	3,901**	75	5	36.9
Louisiana	16,044	206	15	—
Maine	4,418	264	16	20.0
Maryland	22,884	329	21	5.6

TABLE 3. Reported number of legal abortions, abortion ratios and rates, and percentage of abortions obtained by out-of-state residents, by state of occurrence, 1986 - Continued

State	Abortions*	Ratio†	Rate‡	Percentage of abortions obtained by out-of-state residents§
Massachusetts	38,240	464	26	4.6
Michigan	41,890	304	19	1.8
Minnesota	17,383	264	18	9.3
Mississippi	4,521	108	7	7.6
Missouri	19,039	253	16	13.5
Montana	3,295	259	16	20.3
Nebraska	5,761	236	16	20.4
Nevada	6,678	410	28	12.2
New Hampshire	4,485**	282	18	19.0
New Jersey	33,376	308	18	2.8
New Mexico	4,640	170	14	3.2
New York	151,853	585	35	6.1
(City)	97,774***	859		7.3
(Upstate)	54,079	371		4.0
N. Carolina	33,765	374	23	6.3
N. Dakota	2,664	246	16	49.2
Ohio	35,435	224	14	5.8
Oklahoma	6,437**	127	8	21.6
Oregon	11,217	289	17	9.2
Pennsylvania	51,666	322	20	4.1
Rhode Island	7,502	563	33	23.8
S. Carolina	12,174	235	17	4.6
S. Dakota	1,364	117	9	20.9
Tennessee	21,938	331	19	17.4
Texas	85,668	279	21	4.1
Utah	4,450	122	12	9.0
Vermont	3,417	422	27	28.2
Virginia	32,619	374	25	5.6
Washington	27,947	403	27	6.0
West Virginia	3,372**	145	8	13.0
Wisconsin	17,454	243	15	—
Wyoming	404	47	3	2.5
TOTAL	1,328,112	354	23	7.6

*Abortion data from central health agency unless otherwise noted.

†Abortions per 1,000 live births (live-birth data from central health agency).

‡Abortions per 1,000 females ages 15-44 (number of females ages 15-44 from Bureau of the Census, Current Population Survey, March 1986, Tape Technical Documentation, Washington).

§Based on number of abortions for which residence status of woman is known.

**Reported from hospitals and/or other medical facilities in state.

††Includes 1,213 abortions that Arkansas residents had in other states.

‡‡CDC estimate.

§§More than 1,000 abortions per 1,000 live births.

***More than 100 abortions per 1,000 females ages 15-44.

†††Reported from New York City Health Department.

—Not reported.

TABLE 4. Reported number of legal abortions, abortion ratios and rates, and percentage of abortions obtained by out-of-state residents, by state of occurrence, 1987

State	Abortions*	Ratio [†]	Rate [§]	Percentage of abortions obtained by out-of-state residents [‡]
Alabama	14,642**	246	16	1.5
Alaska	1,785**	153	13	0.0
Arizona	17,138	271	22	7.7
Arkansas	6,589 ^{††}	191	13	2.7
California	325,162 ^{§§}	646	48	—
Colorado	12,232	227	15	7.1
Connecticut	19,994	426	27	4.4
Delaware	5,571	564	37	—
Dist. of Col.	20,879	**	***	50.0
Florida	52,697	303	20	—
Georgia	36,439	356	23	8.0
Hawaii	5,971	322	26	0.9
Idaho	1,815	114	8	6.2
Illinois	48,646 ^{†††}	270	18	—
Indiana	15,838	202	13	3.2
Iowa	6,369**	168	10	6.0
Kansas	5,941	155	10	39.7
Kentucky	5,901	115	6	14.3
Louisiana	14,225	191	14	—
Maine	4,767	285	18	22.3
Maryland	23,104	319	21	6.3
Massachusetts	38,576	457	26	3.9
Michigan	49,274	351	21	—
Minnesota	17,653	271	18	10.7
Mississippi	5,469	132	9	10.9
Missouri	17,574	235	15	11.9
Montana	3,175	259	17	27.8
Nebraska	5,858	246	16	19.8
Nevada	6,920	407	28	11.6
New Hampshire	4,009**	235	16	13.3
New Jersey	33,395	295	18	3.0
New Mexico	5,142	189	15	4.2
New York	152,962	572	35	6.4
(City)	100,137 ^{§§§}	845		8.0
(Upstate)	52,825	355		3.6
N. Carolina	35,544	380	24	6.9
N. Dakota	2,562	249	18	47.7
Ohio	40,571	257	16	6.1
Oklahoma	5,909**	124	8	1.8
Oregon	11,147	288	18	8.7
Pennsylvania	51,630	318	20	5.2
Rhode Island	7,529	536	33	23.5
S. Carolina	12,992	246	17	4.7
S. Dakota	865	75	6	12.6
Tennessee	21,621	318	20	18.3

TABLE 4. Reported number of legal abortions, abortion ratios and rates, and percentage of abortions obtained by out-of-state residents, by state of occurrence, 1987 - Continued

State	Abortions*	Ratio [†]	Rate [‡]	Percentage of abortions obtained by out-of-state residents [§]
Texas	84,832	281	21	4.5
Utah	4,556	129	12	9.3
Vermont	3,310	407	25	30.7
Virginia	32,930	365	24	5.5
Washington	30,172	429	28	6.5
West Virginia	3,189**	142	8	—
Wisconsin	17,318	244	16	7.1
Wyoming	364	48	3	9.4
TOTAL	1,353,671***	356	24	8.3

*Abortion data from central health agency unless otherwise noted.

[†]Abortions per 1,000 live births (live-birth data from central health agency).

[‡]Abortions per 1,000 females ages 15-44 (number of females ages 15-44 from Bureau of the Census, Current Population Survey, March 1987, Tape Technical Documentation, Washington).

[§]Based on number of abortions for which residence status of woman is known.

**Reported from hospitals and/or other medical facilities in state.

^{††}Includes 1,108 abortions that Arkansas residents had in other states.

^{§§}CDC estimate.

^{¶¶}More than 1,000 abortions per 1,000 live births.

^{***}More than 100 abortions per 1,000 females ages 15-44.

^{†††}Total does not reflect reporting from all hospitals and/or medical facilities in the state.

^{§§§}Reported from New York City Health Department.

^{****}The total shown is consistent with the total reported in the preliminary release of abortion statistics for 1987 (MMWR 1989;38:662-3) and is the total number used throughout this report; however, the actual total for this table is 1,094 less than shown because of a late adjustment to one state's data.

—Not reported.

TABLE 5. Reported legal abortions, by age group and state of occurrence

State	<15		15-19		20-24		25-29		Total
	No.	%	No.	%	No.	%	No.	%	
Arizona	91	0.7	2,873	21.6	4,622	34.8	3,021	22.7	10,517
Arkansas	104	1.6	1,976	30.7	2,161	33.6	1,140	17.7	5,281
Colorado	92	0.7	3,552	25.1	4,668	33.0	3,061	21.6	11,273
Connecticut	159	0.8	5,240	26.4	6,950	35.0	4,036	20.3	16,385
Dist. of Col.	284	1.4	3,959	19.9	5,534	27.8	4,511	22.6	14,288
Georgia	497	1.5	8,614	25.9	11,214	33.7	7,005	21.1	27,330
Hawaii	47	0.8	1,190	20.9	1,833	32.2	1,281	22.5	4,351
Idaho	18	0.9	534	25.8	670	32.4	438	21.2	1,660
Indiana	170	1.1	3,552	24.0	5,339	36.0	3,014	20.3	12,075
Kansas	47	0.8	1,897	31.8	1,953	32.7	1,130	18.9	5,027
Maine	38	0.9	1,378	31.2	1,456	33.0	819	18.5	3,591
Maryland	303	1.3	5,882	25.7	8,106	35.4	4,906	21.4	19,201
Massachusetts	245	0.6	9,569	25.0	12,442	32.5	8,257	21.6	30,513
Michigan	568	1.4	11,993	28.8	14,078	33.8	8,119	19.5	34,658
Minnesota	98	0.6	4,280	24.6	6,345	36.5	3,636	20.9	14,359
Mississippi	94	2.1	1,202	26.6	1,455	32.2	926	20.5	3,677
Missouri	245	1.3	4,577	24.0	6,600	34.7	3,971	20.9	15,393
Montana	16	0.5	912	27.7	1,061	32.2	702	21.3	2,691
Nebraska	52	0.9	1,689	29.3	1,967	34.1	1,113	19.3	5,221
Nevada	40	0.6	1,489	22.3	2,083	31.2	1,592	23.8	5,204
New Jersey	328	1.0	7,961	23.9	11,387	34.1	7,263	21.8	27,939
New Mexico	32	0.7	1,124	24.2	1,508	32.5	972	20.9	4,636
New York	1,241	0.8	32,501	21.4	50,715	33.4	34,227	22.5	117,684
(City)	882	0.9	18,417	18.8	31,571	32.3	23,691	24.2	74,561
(Upstate)	359	0.7	14,084	26.0	19,144	35.4	10,536	19.5	43,120
N. Carolina	550	1.6	9,757	28.9	11,214	33.2	6,487	19.2	27,008
N. Dakota	8	0.3	768	28.8	941	35.3	494	18.5	2,211
Ohio	242	0.7	8,337	23.5	12,013	33.9	7,250	20.5	28,642
Oregon	85	0.8	2,942	26.2	3,662	32.6	2,368	21.1	9,057
Pennsylvania	519	1.0	13,050	25.3	17,653	34.2	11,041	21.4	42,263
Rhode Island	51	0.7	1,792	23.9	2,701	36.0	1,527	20.4	6,071

of occurrence, selected states,* 1986

	30-34		35-39		≥40		Unknown		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
7	1,455	10.9	661	5.0	152	1.1	416	3.1	13,291 [†]	100.0
7	596	9.3	348	5.4	99	1.5	13	0.2	6,437	100.0
6	1,707	12.1	833	5.9	171	1.2	60	0.4	14,144	100.0
3	2,037	10.3	1,000	5.0	263	1.3	183	0.9	19,868	100.0
6	2,358	11.8	1,109	5.6	212	1.1	1,975	9.9	19,942	100.0
1	3,793	11.4	1,755	5.3	361	1.1	7	0.0	33,246	100.0
5	807	14.2	424	7.4	115	2.0	3	0.1	5,700	100.0
2	236	11.4	122	5.9	42	2.0	8	0.4	2,068	100.0
3	1,601	10.8	768	5.2	208	1.4	169	1.1	14,821	100.0
9	584	9.8	289	4.8	70	1.2	4	0.1	5,974	100.0
5	398	9.0	217	4.9	61	1.4	51	1.2	4,418	100.0
4	2,403	10.5	1,053	4.6	231	1.0	0	0.0	22,884	100.0
6	4,531	11.8	2,361	6.2	628	1.6	207	0.5	38,240	100.0
5	4,412	10.6	2,009	4.8	456	1.1	75	0.2	41,710 [§]	100.0
9	1,850	10.6	918	5.3	211	1.2	45	0.3	17,383	100.0
5	514	11.4	260	5.8	69	1.5	1	0.0	4,521	100.0
9	2,203	11.6	1,138	6.0	281	1.5	24	0.1	19,039	100.0
3	389	11.8	179	5.4	36	1.1	0	0.0	3,295	100.0
3	566	9.8	289	5.0	84	1.5	1	0.0	5,761	100.0
8	913	13.7	449	6.7	95	1.4	17	0.3	6,678	100.0
8	3,794	11.4	2,088	6.3	540	1.6	15	0.0	33,376	100.0
9	583	12.6	319	6.9	72	1.6	30	0.6	4,640	100.0
5	19,175	12.6	10,042	6.6	2,626	1.7	1,326	0.9	151,853	100.0
2	13,600	13.9	7,071	7.2	1,796	1.8	746	0.8	97,774	100.0
5	5,575	10.3	2,971	5.5	830	1.5	580	1.1	54,079	100.0
2	3,436	10.2	1,627	4.8	342	1.0	352	1.0	33,765	100.0
5	263	9.9	161	6.0	29	1.1	0	0.0	2,664	100.0
5	3,929	11.1	1,939	5.5	543	1.5	1,182	3.3	35,435	100.0
1	1,344	12.0	577	5.1	125	1.1	114	1.0	11,217	100.0
4	5,897	11.4	2,817	5.5	680	1.3	9	0.0	51,666	100.0
4	880	11.7	449	6.0	102	1.4	0	0.0	7,502	100.0

TABLE 5. Reported legal abortions, by age group and state of occurrence

State	<15		15-19		20-24		25-29		M
	No.	%	No.	%	No.	%	No.	%	
S. Carolina	151	1.2	3,321	27.3	4,265	35.0	2,443	20.1	1
S. Dakota	10	0.9	306	28.4	347	32.2	207	19.2	
Tennessee	311	1.4	5,899	26.9	7,342	33.5	4,415	20.1	2
Texas	513	0.6	17,653	20.6	29,595	34.5	20,445	23.9	10
Utah	43	1.0	1,064	23.9	1,521	34.2	958	21.5	
Vermont	18	0.5	887	26.0	1,196	35.0	660	19.3	
Virginia	382	1.2	8,206	25.2	11,269	34.5	6,875	21.1	3
Washington	201	0.7	6,793	24.3	9,236	33.0	6,082	21.8	3
Wyoming	7	1.7	115	28.5	137	33.9	80	19.8	
TOTAL	7,900	1.0	198,834	24.2	277,239	33.8	176,472	21.5	95
Abortion ratio¹	1,163		650		380		221		

*All states for which data are available (37), the District of Columbia, and Puerto Rico.

¹Residents.

²Excludes 180 abortions for which information was not available.

³Calculated as the number of legal abortions obtained by women in a given age group for these states. "Unknown" age for each state is distributed according to the percentage of women having abortions.

of occurrence, selected states,* 1986 — Continued

	30-34		35-39		≥40		Unknown		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
1	1,225	10.1	626	5.1	143	1.2	0	0.0	12,174	100.0
2	125	11.6	58	5.4	21	1.9	3	0.3	1,077 ¹	100.0
1	2,475	11.3	1,199	5.5	284	1.3	13	0.1	21,938	100.0
9	10,814	12.6	5,048	5.9	1,392	1.6	208	0.2	85,668	100.0
5	559	12.6	248	5.6	53	1.2	4	0.1	4,450	100.0
3	399	11.7	208	6.1	49	1.4	0	0.0	3,417	100.0
1	3,675	11.3	1,760	5.4	409	1.3	43	0.1	32,619	100.0
8	3,518	12.6	1,697	6.1	390	1.4	30	0.1	27,947	100.0
8	41	10.1	18	4.5	5	1.2	1	0.2	404	100.0
5	95,485	11.6	47,063	5.7	11,650	1.4	6,589	0.8	821,232	100.0
	198		313		590				327	

, and New York City.

given age group per 1,000 live births to women in the same age group
 ling to known age distribution for that state. Excludes states reporting

TABLE 6. Reported legal abortions, by age group and state of occurrence

State	<15		15-19		20-24		25-29	
	No.	%	No.	%	No.	%	No.	%
Arizona	82	0.5	3,422	21.9	5,393	34.5	3,611	23.1
Arkansas	79	1.2	2,028	30.8	2,144	32.5	1,171	17.8
Colorado	82	0.7	3,115	25.5	3,840	31.4	2,605	21.3
Connecticut	189	0.9	5,281	26.4	6,713	33.6	4,149	20.8
Dist. of Col.	453	2.2	4,107	19.7	6,189	29.6	4,254	20.4
Georgia	447	1.2	9,055	24.8	12,232	33.6	7,691	21.1
Hawaii	46	0.8	1,208	20.2	1,951	32.7	1,314	22.0
Idaho	19	1.0	440	24.2	575	31.7	399	22.0
Indiana	164	1.0	3,827	24.2	5,650	35.7	3,212	20.3
Kansas	55	0.9	1,876	31.6	1,888	31.8	1,134	19.1
Kentucky	106	1.8	1,696	28.7	1,905	32.3	1,117	18.9
Maine	24	0.5	1,453	30.5	1,566	32.9	894	18.8
Maryland	295	1.3	5,657	24.5	8,079	35.0	5,054	21.9
Massachusetts	201	0.5	9,622	24.9	12,028	31.2	8,335	21.6
Michigan	556	1.1	13,563	27.6	16,473	33.6	9,986	20.3
Minnesota	85	0.5	4,421	25.0	6,298	35.7	3,671	20.8
Mississippi	105	1.9	1,483	27.1	1,715	31.4	1,078	19.7
Missouri	203	1.2	3,972	22.6	6,091	34.7	3,748	21.3
Montana	19	0.6	906	28.5	970	30.6	668	21.0
Nebraska	44	0.8	1,715	29.3	1,989	34.0	1,128	19.3
Nevada	39	0.6	1,343	19.4	2,249	32.5	1,676	24.2
New Jersey	339	1.0	7,809	23.4	11,246	33.7	7,375	22.1
New Mexico	25	0.5	1,262	24.5	1,520	29.6	1,159	22.5
New York	1,144	0.7	32,711	21.4	50,493	33.0	34,661	22.7
(City)	833	0.8	18,984	19.0	32,222	32.2	24,319	24.3
(Upstate)	311	0.6	13,727	26.0	18,271	34.6	10,342	19.6
N. Carolina	458	1.3	10,156	28.6	11,778	33.1	6,923	19.5
N. Dakota	19	0.7	720	28.1	875	34.2	493	19.2
Ohio	243	0.6	9,316	23.0	13,736	33.9	8,172	20.1
Oregon	67	0.6	2,930	26.3	3,509	31.5	2,380	21.4
Pennsylvania	478	0.9	13,430	26.0	17,004	32.9	11,005	21.3

of occurrence, selected states,* 1987

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	30-34		35-39		≥40		Unknown		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
1	1,827	11.7	744	4.8	182	1.2	354	2.3	15,615 ¹	100.0
2	701	10.6	358	5.4	100	1.5	8	0.1	6,589	100.0
3	1,590	13.0	782	6.4	179	1.5	39	0.3	12,232	100.0
4	2,091	10.5	1,041	5.2	307	1.5	223	1.1	19,994	100.0
5	2,707	13.0	1,284	6.1	302	1.4	1,583	7.6	20,879	100.0
6	4,358	12.0	2,134	5.9	515	1.4	7	0.0	36,439	100.0
7	858	14.4	434	7.3	153	2.6	7	0.1	5,971	100.0
8	230	12.7	114	6.3	30	1.7	8	0.4	1,815	100.0
9	1,709	10.8	829	5.2	223	1.4	224	1.4	15,838	100.0
10	594	10.0	316	5.3	76	1.3	2	0.0	5,941	100.0
11	636	10.8	314	5.3	78	1.3	49	0.8	5,901	100.0
12	472	9.9	210	4.4	76	1.6	72	1.5	4,767	100.0
13	2,564	11.1	1,165	5.0	290	1.3	0	0.0	23,104	100.0
14	4,885	12.7	2,536	6.6	714	1.9	255	0.7	38,576	100.0
15	5,384	11.0	2,486	5.1	550	1.1	100	0.2	49,098 ⁸	100.0
16	1,958	11.1	940	5.3	243	1.4	37	0.2	17,653	100.0
17	653	11.9	320	5.9	98	1.8	17	0.3	5,469	100.0
18	2,206	12.6	1,058	6.0	293	1.7	3	0.0	17,574	100.0
19	396	12.5	164	5.2	52	1.6	0	0.0	3,175	100.0
20	603	10.3	299	5.1	80	1.4	0	0.0	5,858	100.0
21	1,029	14.9	473	6.8	96	1.4	15	0.2	6,920	100.0
22	4,010	12.0	1,985	5.9	588	1.8	43	0.1	33,395	100.0
23	684	13.3	356	6.9	104	2.0	32	0.6	5,142	100.0
24	19,875	13.0	10,011	6.5	2,735	1.8	1,332	0.9	152,962	100.0
25	14,128	14.1	7,031	7.0	1,893	1.9	727	0.7	100,137	100.0
26	5,747	10.9	2,980	5.6	842	1.6	605	1.1	52,825	100.0
27	3,633	10.2	1,712	4.8	408	1.1	476	1.3	35,544	100.0
28	252	9.8	161	6.3	38	1.5	4	0.2	2,562	100.0
29	4,735	11.7	2,279	5.6	683	1.7	1,407	3.5	40,571	100.0
30	1,414	12.7	647	5.8	153	1.4	47	0.4	11,147	100.0
31	6,026	11.7	2,915	5.6	761	1.5	11	0.0	51,630	100.0

TABLE 6. Reported legal abortions, by age group and state of occurrence

State	<15		15-19		20-24		25-29		30+
	No.	%	No.	%	No.	%	No.	%	No.
Rhode Island	28	0.4	1,763	23.4	2,697	35.8	1,604	21.3	884
S. Carolina	162	1.2	3,447	26.5	4,347	33.5	2,688	20.7	1,498
S. Dakota	6	0.7	268	31.0	270	31.2	152	17.6	103
Tennessee	262	1.2	5,970	27.6	7,097	32.8	4,280	19.8	2,483
Texas	1,403	1.7	21,992	25.9	27,853	32.8	18,230	21.5	9,749
Utah	33	0.7	1,094	24.0	1,479	32.5	1,005	22.1	580
Vermont	21	0.6	850	25.7	1,149	34.7	601	18.2	391
Virginia	334	1.0	8,031	24.4	11,256	34.2	7,076	21.5	3,834
Washington	212	0.7	7,201	23.9	9,726	32.2	6,577	21.8	3,546
Wisconsin	134	0.8	4,815	27.8	5,968	34.5	3,415	19.7	1,832
Wyoming	7	1.9	120	33.0	93	25.5	75	20.6	46
TOTAL	8,668	1.0	214,075	24.6	288,034	33.2	184,766	21.3	103,426
Abortion ratio ³	1,275		668		386		218		196

*All states for which data are available (39), the District of Columbia, and Nevada.

¹Residents only.

²Excludes 176 abortions for which information was not available.

³Calculated as the number of legal abortions obtained by women in a given age group for these states. "Unknown" age for each state is distributed according to known age unknown for more than 15% of women having abortions.

occurrence, selected states,* 1987 — Continued

30-34		35-39		≥ 40		Unknown		Total	
No.	%	No.	%	No.	%	No.	%	No.	%
884	11.7	446	5.9	107	1.4	0	0.0	7,529	100.0
1,498	11.5	683	5.3	165	1.3	2	0.0	12,992	100.0
103	11.9	49	5.7	17	2.0	0	0.0	865	100.0
2,483	11.5	1,206	5.6	317	1.5	6	0.0	21,621	100.0
9,749	11.5	4,386	5.2	1,027	1.2	192	0.2	84,832	100.0
580	12.7	274	6.0	86	1.9	5	0.1	4,556	100.0
391	11.8	229	6.9	69	2.1	0	0.0	3,310	100.0
3,834	11.6	1,884	5.7	456	1.4	59	0.2	32,930	100.0
3,546	13.1	1,977	6.6	524	1.7	9	0.0	30,172	100.0
1,832	10.6	880	5.1	246	1.4	28	0.2	17,318	100.0
46	12.6	19	5.2	4	1.1	0	0.0	364	100.0
303,426	11.9	50,100	5.8	13,125	1.5	6,656	0.8	868,850	100.0
196		297		555				326	

* New York City.

per age group per 1,000 live births to women in the same age group
to known age distribution for that state. Excludes states reporting

TABLE 7. Reported legal abortions obtained by teenagers, by age

State	<15		15		16		No.
	No.	%	No.	%	No.	%	
Arizona	91	3.1	200	6.7	339	11.4	47
Arkansas	104	5.0	203	9.8	335	16.1	40
Colorado	92	2.5	283	7.8	560	15.4	83
Connecticut	159	2.9	308	5.7	874	16.2	1,17
Georgia	497	5.5	810	8.9	1,356	14.9	1,78
Hawaii	47	3.8	100	8.1	176	14.2	23
Idaho	18	3.3	35	6.3	64	11.6	7
Indiana	170	4.6	292	7.8	460	12.4	51
Kansas	47	2.4	168	8.6	333	17.1	46
Maine	38	2.7	107	7.6	231	16.3	35
Maryland	303	4.9	504	8.1	835	13.5	1,16
Minnesota	98	2.2	270	6.2	554	12.7	78
Mississippi	94	7.3	122	9.4	211	16.3	27
Missouri	245	5.1	397	8.2	585	12.1	62
Montana	16	1.7	63	6.8	137	14.8	19
Nebraska	52	3.0	126	7.2	239	13.7	37
Nevada	40	2.6	100	6.5	232	15.2	30
New Mexico	32	2.8	86	7.4	149	12.9	25
New York	1,241	3.7	2,360	7.0	4,693	13.9	6,65
(City)	882	4.6	1,519	7.9	2,784	14.4	3,68
(Upstate)	359	2.5	841	5.8	1,909	13.2	2,97
N. Carolina	550	5.3	880	8.5	1,628	15.8	2,10
N. Dakota	8	1.0	41	5.3	115	14.8	12
Ohio	242	2.8	491	5.7	1,138	13.3	1,71
Oregon	85	2.8	224	7.4	481	15.9	61
Pennsylvania	519	3.8	1,041	7.7	1,935	14.3	2,67
Rhode Island	51	2.8	108	5.9	191	10.4	24
S. Carolina	151	4.3	240	6.9	573	16.5	68
S. Dakota	10	3.2	25	7.9	56	17.7	5
Tennessee	311	5.0	544	8.8	930	15.0	1,12
Texas	513	2.8	1123	6.2	2249	12.4	350

by age, selected states, * 1986

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17		18		19		Total	
No.	%	No.	%	No.	%	No.	%
471	15.9	910	30.7	953	32.2	2,964 [†]	100.0
409	19.7	547	26.3	482	23.2	2,080	100.0
837	23.0	950	26.1	922	25.3	3,644	100.0
1,175	21.8	1,398	25.9	1,485	27.5	5,399	100.0
1,786	19.6	2,313	25.4	2,349	25.8	9,111	100.0
236	19.1	311	25.1	367	29.7	1,237	100.0
73	13.2	199	36.1	163	29.5	552	100.0
510	13.7	1,175	31.6	1,115	30.0	3,722	100.0
461	23.7	474	24.4	461	23.7	1,944	100.0
350	24.7	367	25.9	323	22.8	1,416	100.0
1,166	18.9	1,706	27.6	1,671	27.0	6,185	100.0
780	17.8	1,267	28.9	1,409	32.2	4,378	100.0
279	21.5	305	23.5	285	22.0	1,296	100.0
623	12.9	1,464	30.4	1,508	31.3	4,822	100.0
198	21.3	251	27.0	263	28.3	928	100.0
378	21.7	452	26.0	494	28.4	1,741	100.0
305	19.9	430	28.1	422	27.6	1,529	100.0
253	21.9	329	28.5	307	26.6	1,156	100.0
6,651	19.7	9,010	26.7	9,787	29.0	33,742	100.0
3,681	19.1	4,959	25.7	5,474	28.4	19,299	100.0
2,970	20.6	4,051	28.0	4,313	29.9	14,443	100.0
2,103	20.4	2,585	25.1	2,561	24.8	10,307	100.0
126	16.2	228	29.4	258	33.2	776	100.0
1,718	20.0	2,354	27.4	2,636	30.7	8,579	100.0
615	20.3	790	26.1	832	27.5	3,027	100.0
2,674	19.7	3,526	26.0	3,874	28.6	13,569	100.0
245	13.3	616	33.4	632	34.3	1,843	100.0
684	19.7	876	25.2	948	27.3	3,472	100.0
52	16.5	82	25.9	91	28.8	316 [†]	100.0
1,120	18.0	1,712	27.6	1,593	25.7	6,210	100.0
3509	19.3	4968	27.3	5804	31.9	18,166	100.0

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TABLE 7. Reported legal abortions obtained by teenagers, by age

State	< 15		15		16		No.
	No.	%	No.	%	No.	%	
Utah	43	3.9	71	6.4	150	13.6	16
Vermont	18	2.0	64	7.1	122	13.5	19
Virginia	382	4.4	715	8.3	1,257	14.6	1,727
Washington	201	2.9	526	7.5	1,025	14.7	1,431
Wyoming	7	5.7	9	7.4	18	14.8	25
TOTAL	6,475	3.8	12,636	7.4	24,231	14.1	33,300
Abortion ratio[†]	1,078		840		774		6

*All states for which data are available (34) and New York City.

[†]Residents only.

[‡]Calculated as the number of legal abortions obtained by women in a given age group for these states. "Unknown" age for each state is distributed according to the age unknown for more than 15% of women having abortions.

by age, selected states,* 1986 — Continued

17		18		19		Total	
No.	%	No.	%	No.	%	No.	%
165	14.9	329	29.7	349	31.5	1,107	100.0
194	21.4	239	26.4	268	29.6	905	100.0
1,727	20.1	2,189	25.5	2,318	27.0	8,588	100.0
1,429	20.4	1,872	26.8	1,941	27.8	6,994	100.0
26	21.3	25	20.5	37	30.3	122	100.0
33,328	19.4	46,249	26.9	48,908	28.5	171,827	100.0
645		618		506		624	

a given age group per 1,000 live births to women in the same age group
ording to known age distribution for that state. Excludes states reporting

TABLE 8. Reported legal abortions obtained by teenagers, by age

State	<15		15		16		No.
	No.	%	No.	%	No.	%	
Arizona	82	2.3	201	5.7	438	12.5	5
Arkansas	79	3.7	144	6.8	351	16.7	4
Colorado	82	2.6	212	6.6	472	14.8	6
Connecticut	189	3.5	282	5.2	854	15.6	1,3
Georgia	447	4.7	779	8.2	1,402	14.8	1,8
Idaho	19	4.1	25	5.4	69	15.0	
Indiana	164	4.1	294	7.4	485	12.2	5
Kansas	55	2.8	159	8.2	341	17.7	4
Kentucky	106	5.9	151	8.4	293	16.3	3
Maine	24	1.6	108	7.3	243	16.5	3
Maryland	295	5.0	456	7.7	870	14.6	1,1
Massachusetts	201	2.0	493	5.0	1,181	12.0	1,7
Minnesota	85	1.9	235	5.2	621	13.8	9
Mississippi	105	6.6	133	8.4	244	15.4	3
Missouri	203	4.9	337	8.1	497	11.9	6
Montana	19	2.1	39	4.2	132	14.3	1
Nebraska	44	2.5	114	6.5	266	15.1	3
Nevada	39	2.8	85	6.2	187	13.5	2
New Mexico	25	1.9	88	6.8	190	14.8	2
New York	1,144	3.4	2,071	6.1	4,589	13.6	7,1
(City)	833	4.2	1,383	7.0	2,738	13.8	4,1
(Upstate)	311	2.2	688	4.9	1,851	13.2	3,0
N. Carolina	458	4.3	790	7.4	1,691	15.9	2,1
N. Dakota	19	2.6	33	4.5	81	11.0	
Ohio	243	2.5	481	5.0	1,217	12.7	2,0
Oregon	67	2.2	205	6.8	423	14.1	
Pennsylvania	478	3.4	955	6.9	1,896	13.6	2,1
Rhode Island	28	1.6	115	6.4	202	11.3	
S. Carolina	162	4.5	277	7.7	601	16.7	
S. Dakota	6	2.2	22	8.0	41	15.0	
Tennessee	262	4.2	479	7.7	891	14.3	1,1

by age, selected states,* 1987

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17		18		19		Total	
No.	%	No.	%	No.	%	No.	%
535	15.3	1,147	32.7	1,101	31.4	3,504 [†]	100.0
470	22.3	566	26.9	497	23.6	2,107	100.0
680	21.3	875	27.4	876	27.4	3,197	100.0
1,330	24.3	1,410	25.8	1,405	25.7	5,470	100.0
1,863	19.6	2,548	26.8	2,463	25.9	9,502	100.0
63	13.7	147	32.0	136	29.6	459	100.0
576	14.4	1,211	30.3	1,261	31.6	3,991	100.0
457	23.7	497	25.7	422	21.9	1,931	100.0
364	20.2	430	23.9	458	25.4	1,802	100.0
386	26.1	359	24.3	357	24.2	1,477	100.0
1,116	18.8	1,587	26.7	1,628	27.4	5,952	100.0
1,788	18.2	2,911	29.6	3,249	33.1	9,823	100.0
942	20.9	1,307	29.0	1,316	29.2	4,506	100.0
344	21.7	404	25.4	358	22.5	1,588	100.0
611	14.6	1,281	30.7	1,246	29.8	4,175	100.0
185	20.0	294	31.8	256	27.7	925	100.0
390	22.2	495	28.1	450	25.6	1,759	100.0
271	19.6	387	28.0	413	29.9	1,382	100.0
257	20.0	349	27.1	378	29.4	1,287	100.0
7,157	21.1	9,330	27.6	9,564	28.2	33,855	100.0
4,109	20.7	5,280	26.6	5,474	27.6	19,817	100.0
3,048	21.7	4,050	28.9	4,090	29.1	14,038	100.0
2,155	20.3	2,827	26.6	2,693	25.4	10,614	100.0
116	15.7	276	37.3	214	29.0	739	100.0
2,025	21.2	2,593	27.1	3,000	31.4	9,559	100.0
642	21.4	826	27.6	834	27.8	2,997	100.0
2,768	19.9	3,928	28.2	3,883	27.9	13,908	100.0
254	14.2	565	31.5	627	35.0	1,791	100.0
768	21.3	928	25.7	873	24.2	3,609	100.0
45	16.4	76	27.7	84	30.7	274	100.0
1,283	20.6	1,730	27.8	1,587	25.5	6,232	100.0

TABLE 8. Reported legal abortions obtained by teenagers, by age,

State	<15		15		16		No.
	No.	%	No.	%	No.	%	
Texas	1,403	6.0	2,168	9.3	3,417	14.6	4,821
Utah	33	2.9	87	7.7	142	12.6	195
Vermont	21	2.4	47	5.4	112	12.9	193
Virginia	334	4.0	557	6.7	1,255	15.0	1,706
Washington	212	2.9	464	6.3	1,023	13.8	1,569
Wisconsin	134	2.7	312	6.3	720	14.5	1,018
Wyoming	7	5.5	14	11.0	10	7.9	30
TOTAL	7,274	3.7	13,412	6.9	27,447	14.1	39,373
Abortion ratio^b	1,158		853		786		693

*All states for which data are available (36) and New York City.

^aResidents only.

^bCalculated as the number of legal abortions obtained by women in a given for these states. "Unknown" age for each state is distributed according to age unknown for more than 15% of women having abortions.

age, selected states,* 1987 — Continued

17		18		19		Total	
No.	%	No.	%	No.	%	No.	%
4,821	20.6	5,829	24.9	5,757	24.6	23,395	100.0
195	17.3	361	32.0	309	27.4	1,127	100.0
193	22.2	237	27.2	261	30.0	871	100.0
1,706	20.4	2,239	26.8	2,274	27.2	8,365	100.0
1,569	21.2	2,053	27.7	2,092	28.2	7,413	100.0
1,018	20.6	1,345	27.2	1,420	28.7	4,949	100.0
30	23.6	27	21.3	39	30.7	127	100.0
9,373	20.2	53,375	27.4	53,781	27.6	194,662	100.0
693		669		519		661	

given age group per 1,000 live births to women in the same age group
ing to known age distribution for that state. Excludes states reporting

TABLE 9. Reported legal abortions, by weeks of gestation and s

State	≤8		9-10		11-12		13+
	No.	%	No.	%	No.	%	No.
Arizona [†]	5,212	39.2	4,145	31.2	1,909	14.4	1,008
Arkansas	3,697	57.4	1,409	21.9	686	10.7	333
Colorado	5,339	37.7	4,694	33.2	2,243	15.9	1,092
Connecticut [†]	9,210	46.4	6,344	31.9	2,448	12.3	1,202
Dist. of Col.	11,128	55.8	4,129	20.7	1,653	8.3	910
Georgia	12,296	37.0	9,330	28.1	5,310	16.0	2,609
Hawaii	3,202	56.2	1,228	21.5	589	10.3	361
Idaho	709	34.3	853	41.2	454	22.0	37
Indiana	10,043	67.8	3,384	22.8	1,064	7.2	80
Kansas [†]	2,058	34.4	1,631	27.3	1,161	19.4	412
Louisiana	7,282	45.4	4,080	25.4	1,519	9.5	1,082
Maine [†]	2,399	54.3	927	21.0	402	9.1	473
Maryland [†]	12,061	52.7	5,914	25.8	2,950	12.9	1,155
Minnesota	8,434	48.5	4,486	25.5	2,177	12.5	1,095
Mississippi	2,230	49.3	1,288	28.5	643	14.2	262
Missouri	8,173	42.9	5,432	28.6	2,976	15.6	1,311
Montana	977	29.7	1,125	34.1	709	21.5	306
Nevada	4,382	65.6	1,328	19.9	555	8.3	253
New Jersey	17,773	53.3	7,160	21.5	2,851	8.5	2,694
New Mexico	1,937	41.7	1,357	29.2	727	15.7	381
New York	75,845	49.9	37,008	24.4	17,631	11.6	9,697
(City)	48,493	49.6	22,719	23.2	11,091	11.3	6,731
(Upstate)	27,352	50.6	14,289	26.4	6,540	12.1	2,966
N. Carolina	14,962	44.3	8,742	25.9	4,908	14.5	2,876
N. Dakota	1,736	65.2	523	19.6	268	10.1	118
Oregon	5,533	49.3	3,026	27.0	1,348	12.0	533
Rhode Island [†]	3,402	45.3	2,462	32.8	950	12.7	473
S. Carolina [†]	7,292	59.9	3,111	25.6	1,405	11.5	311
S. Dakota	595	55.2	306	28.4	101	9.4	49
Tennessee	8,120	37.0	7,286	33.2	4,507	20.5	1,536
Texas	41,295	48.2	22,063	25.8	10,846	12.7	5,929

and state of occurrence, selected states,* 1986

13-15		16-20		≥21		Unknown		Total	
No.	%	No.	%	No.	%	No.	%	No.	%
008	7.6	728	5.5	42	0.3	247	1.9	13,291 ⁵	100.0
333	5.2	185	2.9	47	0.7	80	1.2	6,437	100.0
092	7.7	577	4.1	131	0.9	68	0.5	14,144	100.0
202	6.0	281	1.4	4	0.0	379	1.9	19,868	100.0
910	4.6	500 ⁶	2.5	—	—	1,622	8.1	19,942	100.0
609	7.8	1,439	4.3	559	1.7	1,703	5.1	33,246	100.0
361	6.3	302	5.3	14	0.2	4	0.1	5,700	100.0
37	1.8	4	0.2	0	0.0	11	0.5	2,068	100.0
80	0.5	61	0.4	0	0.0	189	1.3	14,821	100.0
412	6.9	420	7.0	282	4.7	10	0.2	5,974	100.0
082	6.7	942	5.9	58	0.4	1,081	6.7	16,044	100.0
473	10.7	149 ⁷	3.4	—	—	68	1.5	4,418	100.0
155	5.0	797	3.5	7	0.0	0	0.0	22,884	100.0
095	6.3	1,008	5.8	182	1.0	1	0.0	17,383	100.0
262	5.8	39	0.9	11	0.2	48	1.1	4,521	100.0
311	6.9	685	3.6	186	1.0	270	1.4	19,039	100.0
306	9.3	60	1.8	4	0.1	114	3.5	3,295	100.0
253	3.8	136	2.0	1	0.0	23	0.3	6,678	100.0
694	8.1	2,738	8.2	160	0.5	0	0.0	33,376	100.0
381	8.2	191	4.1	17	0.4	30	0.6	4,640	100.0
697	6.4	7,018	4.6	2,428	1.6	2,226	1.5	151,853	100.0
731	6.9	5,537	5.7	2,117	2.2	1,086	1.1	97,774	100.0
966	5.5	1,481	2.7	311	0.6	1,140	2.1	54,079	100.0
876	8.5	1,103	3.3	123	0.4	1,051	3.1	33,765	100.0
118	4.4	13	0.5	0	0.0	6	0.2	2,664	100.0
533	4.8	550	4.9	76	0.7	151	1.3	11,217	100.0
473	6.3	207	2.8	2	0.0	6	0.1	7,502	100.0
311	2.6	46	0.4	3	0.0	6	0.0	12,174	100.0
49	4.5	25	2.3	0	0.0	1	0.1	1,077 ⁸	100.0
536	7.0	201	0.9	65	0.3	223	1.0	21,938	100.0
5,929	6.9	4,491	5.2	1,044	1.2	0	0.0	85,668	100.0

TABLE 9. Reported legal abortions, by weeks of gestation and state

State	≤8		9-10		11-12		13-15
	No.	%	No.	%	No.	%	No.
Utah	3,091	69.5	775	17.4	290	6.5	193
Vermont	1,926	56.4	919	26.9	366	10.7	108
Virginia [†]	18,881	57.9	8,672	26.6	3,782	11.6	295
Washington [†]	15,948	57.1	6,718	24.0	2,488	8.9	1,430
Wyoming [†]	248	61.4	131	32.4	25	6.2	0
TOTAL	327,416	45.3	171,992	25.9	81,941	12.3	40,604

*All states for which data are available (33), the District of Columbia, and

[†]Weeks of gestation is physician's estimate.

[‡]Residents only.

[§]Includes ≥20 weeks of gestation with the 16-20 weeks of gestation group.

^{**}Includes ≥19 weeks of gestation with the 16-20 weeks of gestation group.

— Not reported.

and state of occurrence, selected states,* 1986 — Continued

13-15		16-20		≥21		Unknown		Total	
No.	%	No.	%	No.	%	No.	%	No.	%
193	4.3	89**	2.0	—	—	12	0.3	4,450	100.0
108	3.2	30	0.9	13	0.4	55	1.6	3,417	100.0
295	0.9	785	2.4	137	0.4	67	0.2	32,619	100.0
430	5.1	1,207	4.3	156	0.6	0	0.0	27,947	100.0
0	0.0	0	0.0	0	0.0	0	0.0	404	100.0
504	6.1	27,007	4.1	5,752	0.9	9,752	1.5	664,464	100.0

, and New York City.

grouping.
n grouping.

TABLE 10. Reported legal abortions, by weeks of gestation and

State	≤8		9-10		11-12		13-
	No.	%	No.	%	No.	%	No.
Arizona†	6,501	41.6	4,921	31.5	2,267	14.5	1,130
Arkansas	3,713	56.4	1,516	23.0	724	11.0	354
Colorado	4,603	37.6	3,931	32.1	1,942	15.9	1,023
Connecticut†	9,042	45.2	6,905	34.5	2,225	11.1	1,230
Dist. of Col.	10,351	49.6	4,620	22.1	2,438	11.7	1,303
Georgia	13,414	36.8	10,169	27.9	5,914	16.2	2,907
Hawaii	3,256	54.5	1,364	22.8	590	9.9	339
Idaho	516	28.4	861	47.4	361	19.9	34
Indiana	10,737	67.8	3,745	23.6	1,069	6.7	66
Kansas†	2,188	36.8	1,587	26.7	1,108	18.7	322
Kentucky	2,901	49.2	1,200	20.3	609	10.3	549
Louisiana**	6,456	45.4	3,618	25.4	1,347	9.5	959
Maine	2,214	46.4	1,216	25.5	506	10.6	553
Maryland†	11,418	49.4	6,284	27.2	3,227	14.0	1,245
Minnesota	8,649	49.0	4,513	25.6	2,377	13.5	1,021
Mississippi	2,747	50.2	1,489	27.2	732	13.4	370
Missouri	6,965	39.6	5,100	29.0	2,887	16.4	1,264
Montana†	1,936	61.0	690	21.7	398	12.5	124
Nevada	4,593	66.4	1,299	18.8	530	7.7	274
New Jersey	17,683	53.0	6,958	20.8	2,866	8.6	3,063
New Mexico	2,222	43.2	1,503	29.2	736	14.3	408
New York	75,431	49.3	36,844	24.1	17,885	11.7	10,144
(City)	48,511	48.4	22,845	22.8	11,574	11.6	7,207
(Upstate)	26,920	51.0	13,999	26.5	6,311	11.9	2,937
N. Carolina	15,479	43.5	9,301	26.2	5,307	14.9	2,985
N. Dakota	1,658	64.7	473	18.5	282	11.0	133
Oregon	5,354	48.0	3,163	28.4	1,475	13.2	543
Rhode Island	3,395	45.1	2,522	33.5	1,044	13.9	428
S. Carolina†	7,810	60.1	3,458	26.6	1,484	11.4	184
S. Dakota	497	57.5	296	34.2	70	8.1	2
Tennessee	8,115	37.5	7,395	34.2	4,146	19.2	1,472

n and state of occurrence, selected states,* 1987

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13-15		16-20		≥21		Unknown		Total	
No.	%	No.	%	No.	%	No.	%	No.	%
1,130	7.2	591	3.8	50	0.3	155	1.0	15,615 [§]	100.0
354	5.4	181	2.7	16	0.2	85	1.3	6,589	100.0
1,023	8.4	542	4.4	128	1.0	63	0.5	12,232	100.0
1,230	6.2	211	1.1	7	0.0	374	1.9	19,994	100.0
1,303	6.2	674 ^b	3.2	—	—	1,493	7.2	20,879	100.0
2,907	8.0	1,590	4.4	604	1.7	1,841	5.1	36,439	100.0
339	5.7	383	6.4	30	0.5	9	0.2	5,971	100.0
34	1.9	3	0.2	0	0.0	40	2.2	1,815	100.0
66	0.4	48	0.3	2	0.0	171	1.1	15,838	100.0
322	5.4	414	7.0	275	4.6	47	0.8	5,941	100.0
549	9.3	443	7.5	131	2.2	68	1.2	5,901	100.0
959	6.7	835	5.9	52	0.4	958	6.7	14,225	100.0
553	11.6	173	3.6	0	0.0	105	2.2	4,767	100.0
1,245	5.4	898	3.9	18	0.1	14	0.1	23,104	100.0
1,021	5.8	881	5.0	192	1.1	20	0.1	17,653	100.0
370	6.8	38	0.7	3	0.1	90	1.6	5,469	100.0
1,264	7.2	595	3.4	136	0.8	627	3.6	17,574	100.0
124	3.9	26	0.8	0	0.0	1	0.0	3,175	100.0
274	4.0	207	3.0	1	0.0	16	0.2	6,920	100.0
3,063	9.2	2,825 ^c	8.5	—	—	0	0.0	33,395	100.0
408	7.9	239	4.6	14	0.3	20	0.4	5,142	100.0
0,144	6.6	7,833	5.1	2,630	1.7	2,195	1.4	152,962	100.0
7,207	7.2	6,399	6.4	2,425	2.4	1,176	1.2	100,137	100.0
2,937	5.6	1,434	2.7	205	0.4	1,019	1.9	52,825	100.0
2,985	8.4	1,077	3.0	126	0.4	1,269	3.6	35,544	100.0
133	5.2	6	0.2	0	0.0	10	0.4	2,562	100.0
543	4.9	423	3.8	116	1.0	73	0.7	11,147	100.0
428	5.7	130	1.7	1	0.0	9	0.1	7,529	100.0
184	1.4	37	0.3	9	0.1	10	0.1	12,992	100.0
2	0.2	0	0.0	0	0.0	0	0.0	865	100.0
1,472	6.8	231	1.1	68	0.3	194	0.9	21,621	100.0

TABLE 10. Reported legal abortions, by weeks of gestation and

State	≤8		9-10		11-12		No.
	No.	%	No.	%	No.	%	
Texas†	40,380	47.6	21,704	25.6	10,986	13.0	5,682
Utah	3,014	66.2	794	17.4	349	7.7	2,211
Vermont	1,835	55.4	981	29.6	379	11.5	1,195
Virginia†	18,515	56.2	9,072	27.5	3,970	12.1	3,153
Washington†	17,532	58.1	7,148	23.7	2,651	8.8	1,333
Wisconsin†	8,340	48.2	4,646	26.8	2,113	12.2	1,781
Wyoming†	222	61.0	118	32.4	21	5.8	121
TOTAL	339,682	48.7	181,404	26.0	87,015	12.5	43,381

*All states for which data are available (35), the District of Columbia.

†Gestational age is physician's estimate.

‡Residents only.

*Includes ≥20 weeks of gestation with 16-20 weeks of gestation period.

**Estimates using 1986 distribution.

—Not reported.

tion and state of occurrence, selected states,* 1987 — Continued

13-15		16-20		≥21		Unknown		Total	
No.	%	No.	%	No.	%	No.	%	No.	%
5,698	5.7	4,303	5.1	1,324	1.6	437	0.5	84,832	100.0
229	5.0	126	2.8	5	0.1	39	0.9	4,556	100.0
97	2.9	12	0.4	1	0.0	5	0.2	3,310	100.0
365	1.1	816	2.5	115	0.3	77	0.2	32,930	100.0
1,311	4.3	1,224	4.1	288	1.0	18	0.1	30,172	100.0
1,199	6.9	835	4.8	177	1.0	8	0.0	17,318	100.0
0	0.0	0	0.0	0	0.0	3	0.8	364	100.0
43,328	6.2	28,850	4.1	6,519	0.9	10,544	1.5	697,342	100.0

umbia, and New York City.

n period.

TABLE 11. Reported legal abortions, by type of procedure and

State	Suction curettage		Sharp curettage		All curettage		Intrauterine saline instillation	
	No.	%	No.	%	No.	%	No.	%
Arizona	12,965	97.5	14	0.1	12,979	97.7	0	0.0
Arkansas	5,553	86.3	373	5.8	5,926	92.1	7	0.1
Colorado	13,528	95.6	28	0.2	13,556	95.8	1	0.0
Connecticut	19,529 [§]	98.3	14	0.1	19,543	98.4	—	—
Dist. of Col.	17,925	89.9	423	2.1	18,348	92.0	84	0.4
Georgia	29,562	88.9	2,854	8.6	32,416	97.5	608	1.8
Hawaii	5,618	98.6	4	0.1	5,622	98.6	0	0.0
Idaho	2,061	99.7	1	0.0	2,062	99.7	0	0.0
Indiana	13,665	92.2	45	0.3	13,710	92.5	2	0.0
Kansas	5,957	99.7	5	0.1	5,962	99.8	2	0.0
Louisiana	15,271	95.2	3	0.0	15,274	95.2	0	0.0
Maine	4,383	99.2	12	0.3	4,395	99.5	2	0.0
Maryland	22,096	96.6	125	0.5	22,221	97.1	115	0.5
Massachusetts	37,042	96.9	65	0.2	37,107	97.0	598**	1.6
Michigan	39,937	95.7	419	1.0	40,356	96.8	1,328	3.2
Minnesota	15,838	91.1	10	0.1	15,848	91.2	0	0.0
Mississippi	4,501	99.6	1	0.0	4,502	99.6	0	0.0
Missouri	17,634	92.6	11	0.1	17,645	92.7	0	0.0
Montana	3,245	98.5	1	0.0	3,246	98.5	1	0.0
Nebraska	5,757	99.9	2	0.0	5,759	99.9	0	0.0
Nevada	6,639	99.4	4	0.1	6,643	99.5	0	0.0
New Jersey	26,388	79.1	6,072	18.2	32,460	97.3	825	2.5
New Mexico	4,589	98.9	3	0.1	4,592	99.0	0	0.0
New York	133,683	88.0	4,144	2.7	137,827	90.8	3,596	2.4
(City)	83,258	85.2	2,624	2.7	85,882	87.8	2,470	2.5
(Upstate)	50,425	93.2	1,520	2.8	51,945	96.1	1,126	2.1
N. Carolina	32,653	96.7	128	0.4	32,781	97.1	377	1.1
N. Dakota	2,662	99.9	0	0.0	2,662	99.9	0	0.0
Ohio	34,470	84.8	6,167	15.2	40,637	100.0	2	0.0
Oregon	11,014**	98.2	8	0.1	11,022	98.3	0	0.0
Pennsylvania	51,031**	98.8	—	—	51,031	98.8	450	0.9
Rhode Island	7,482	99.7	13	0.2	7,495	99.9	0	0.0

Rate and state of occurrence, selected states, * 1986

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uterine ne- nation	Intrauterine prostaglandin instillation		Hysterotomy/ hysterectomy		Other [†]		Unknown		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
0.0	0	0.0	0	0.0	1	0.0	311	2.3	13,291 [§]	100.0
0.1	54	0.8	7	0.1	62	1.0	381	5.9	6,437	100.0
0.0	145	1.0	2	0.0	428	3.0	12	0.1	14,144	100.0
—	—	—	0	0.0	29	0.1	296	1.5	19,868	100.0
0.4	0	0.0	0	0.0	22	0.1	1,488	7.5	19,942	100.0
1.8	73	0.2	7	0.0	83	0.2	59	0.2	33,246	100.0
0.0	38	0.7	0	0.0	33	0.6	7	0.1	5,700	100.0
0.0	2	0.1	0	0.0	4	0.2	0	0.0	2,068	100.0
0.0	2	0.0	0	0.0	306	2.1	801	5.4	14,821	100.0
0.0	0	0.0	0	0.0	10	0.2	0	0.0	5,974	100.0
0.0	1	0.0	1	0.0	147	0.9	621	3.9	16,044	100.0
0.0	14	0.3	1	0.0	6	0.1	0	0.0	4,418	100.0
0.5	292	1.3	19	0.1	236	1.0	1	0.0	22,884	100.0
1.6	437	1.1	0	0.0	98	0.3	0	0.0	38,240	100.0
3.2	23	0.1	0	0.0	3	0.0	0	0.0	41,710 ^{††}	100.0
0.0	2	0.0	1	0.0	1,532	8.8	0	0.0	17,383	100.0
0.0	14	0.3	2	0.0	3	0.1	0	0.0	4,521	100.0
0.0	0	0.0	2	0.0	1,350	7.1	42	0.2	19,039	100.0
0.0	45	1.4	1	0.0	2	0.1	0	0.0	3,295	100.0
0.0	0	0.0	1	0.0	0	0.0	3	0.1	5,763 ^{§§}	100.0
0.0	0	0.0	0	0.0	1	0.0	34	0.5	6,678	100.0
2.5	71	0.2	13	0.0	4	0.0	3	0.0	33,376	100.0
0.0	0	0.0	0	0.0	2	0.0	46	1.0	4,640	100.0
2.4	746	0.5	28	0.0	8,322	5.5	1,334	0.9	151,853	100.0
2.5	436	0.4	5	0.0	8,198	8.4	783	0.8	97,774	100.0
2.1	310	0.6	23	0.0	124	0.2	551	1.0	54,079	100.0
1.1	386	1.1	14	0.0	70	0.2	137	0.4	33,765	100.0
0.0	0	0.0	0	0.0	1	0.0	1	0.0	2,664	100.0
0.0	0	0.0	0	0.0	0	0.0	0	0.0	40,639 ^{§§}	100.0
0.0	7	0.1	1	0.0	117	1.0	70	0.6	11,217	100.0
0.9	152	0.3	6	0.0	27	0.1	0	0.0	51,666	100.0
0.0	7	0.1	0	0.0	0	0.0	0	0.0	7,502	100.0

TABLE 11. Reported legal abortions, by type of procedure and s

State	Suction curettage		Sharp curettage		All curettage		Intrauterine saline instillation	
	No.	%	No.	%	No.	%	No.	%
S. Carolina	12,110	99.5	8	0.1	12,118	99.5	0	0.0
Tennessee	21,817	99.4	24	0.1	21,841	99.6	5	0.0
Texas	84,942 ^{††}	99.2	—	—	84,942	99.2	641 ^{***0.7}	
Utah	4,443 ^{††}	99.8	5	0.1	4,448	100.0	0	0.0
Vermont	3,373	98.7	28	0.8	3,401	99.5	0	0.0
Virginia	31,817	97.5	57	0.2	31,874	97.7	83	0.3
Washington	27,604 ^{††}	98.8	12	0.0	27,616	98.8	211	0.8
Wyoming	403	99.8	0	0.0	403	99.8	0	0.0
TOTAL	789,187	93.8	21,083	2.5	810,270	96.3	8,938	1.1

*All states for which data are available (37), the District of Columbia, and

†Includes instillation procedures not reported as a specific category, and

‡Residents only.

§Includes abortions performed by both suction and sharp curettage.

**Includes 587 intrauterine prostasaline procedures.

††Excludes 180 abortions for which information was not available.

‡‡Does not add to total abortions because of some reported combination

§§Includes dilatation and evacuation procedures.

***Reported as induction procedures.

— Not reported.

and state of occurrence, selected states,* 1986 – Continued

Line Item	Intrauterine prostaglandin instillation		Hysterotomy/ hysterectomy		Other†		Unknown		Total	
	No.	%	No.	%	No.	%	No.	%	No.	%
0.0	49	0.4	1	0.0	5	0.0	1	0.0	12,174	100.0
0.0	80	0.4	8	0.0	3	0.0	1	0.0	21,938	100.0
0.7	—	—	25	0.0	—	—	60	0.1	85,668	100.0
0.0	0	0.0	0	0.0	1	0.0	1	0.0	4,450	100.0
0.0	0	0.0	0	0.0	13	0.4	3	0.1	3,417	100.0
0.3	109	0.3	12	0.0	77	0.2	464	1.4	32,619	100.0
0.8	114	0.4	3	0.0	2	0.0	1	0.0	27,947	100.0
0.0	0	0.0	0	0.0	0	0.0	1	0.2	404	100.0
1.1	2,863	0.3	155	0.0	13,000	1.5	6,179	0.7	841,405	100.0

ia, and New York City.

y, and procedures reported as "other."

e.

ination procedures.

TABLE 12. Reported legal abortions, by type of procedure and state of

State	Suction curettage		Sharp curettage		All curettage		Intrauterine saline instillation		Intrau- terine prostag instill	
	No.	%	No.	%	No.	%	No.	%	No.	%
Arizona	15,299	98.0	7	0.0	15,306	98.0	0	0.0	0	
Arkansas	4,465	67.8	2,023	30.7	6,488	98.5	5	0.1	2	
Colorado	11,702	95.7	17	0.1	11,719	95.8	4	0.0	129	
Connecticut	19,825 [†]	99.2	8	0.0	19,833	99.2	—	—	—	
Dist. of Col.	19,771	94.7	36	0.2	19,807	94.9	295	1.4	0	
Georgia	32,021	87.9	3,302	9.1	35,323	96.9	532	1.5	436	
Hawaii	5,861	98.2	2	0.0	5,863	98.2	0	0.0	62	
Idaho	1,806	99.6	1	0.1	1,809	99.7	2	0.1	2	
Kansas	5,911	99.5	9	0.2	5,920	99.6	3	0.1	6	
Kentucky	4,844	82.1	201	3.4	5,045	85.5	5	0.1	6	
Louisiana**	13,539	95.2	3	0.0	13,542	95.2	0	0.0	1	
Maine	4,732	99.3	23	0.5	4,755	99.7	1	0.0	2	
Maryland	22,166	95.9	115	0.5	22,281	96.4	160	0.7	288	
Massachusetts	37,616	97.5	58	0.2	37,674	97.7	385 ^{††}	1.0	484	
Michigan	47,163	96.1	676	1.4	47,839	97.4	1,233	2.5	25	
Minnesota	16,345	92.6	5	0.0	16,350	92.6	—	—	—	
Mississippi	5,443	99.5	3	0.1	5,446	99.6	0	0.0	14	
Missouri	15,868	90.3	17	0.1	15,885	90.4	0	0.0	4	
Montana	3,146	99.1	1	0.0	3,147	99.1	0	0.0	25	
Nebraska	5,849	99.8	2	0.0	5,851	99.8	0	0.0	0	
Nevada	6,878	99.4	1	0.0	6,879	99.4	1	0.0	0	
New Jersey	22,280	66.7	10,557	31.6	32,837	98.3	445	1.3	85	
New Mexico	4,977	96.8	134	2.6	5,111	99.4	0	0.0	0	
New York	131,159	85.7	6,782	4.4	137,941	90.2	2,808	1.8	844	
(City)	83,646	83.5	5,344	5.3	88,990	88.9	1,895	1.9	465	
(Upstate)	47,513	89.9	1,438	2.7	48,951	92.7	913	1.7	379	
N. Carolina	34,538	97.2	118	0.3	34,656	97.5	351	1.0	380	
N. Dakota	2,561	100.0	0	0.0	2,561	100.0	0	0.0	0	
Ohio	38,720	82.3	8,316	17.7	47,036	100.0	2	0.0	0	
Oregon	10,932 ^{\$\$\$}	98.1	7	0.1	10,939	98.1	0	0.0	6	
Pennsylvania	51,008 ^{\$\$\$}	98.8	48	0.1	51,056	98.9	453	0.9	78	
Rhode Island	7,514	99.8	6	0.1	7,520	99.9	0	0.0	0	

Rate of occurrence, selected states,* 1987

Intrauterine prostaglandin instillation		Hysterotomy/ hysterectomy		Other†		Unknown		Total	
No.	%	No.	%	No.	%	No.	%	No.	%
0	0.0	0	0.0	2	0.0	307	2.0	15,615 ⁵	100.0
2	0.0	3	0.0	34	0.5	57	0.9	6,589	100.0
129	1.1	5	0.0	370	3.0	5	0.0	12,232	100.0
—	—	0	0.0	15	0.1	146	0.7	19,994	100.0
0	0.0	0	0.0	21	0.1	756	3.6	20,879	100.0
436	1.2	20	0.1	99	0.3	29	0.1	36,439	100.0
62	1.0	0	0.0	37	0.6	9	0.2	5,971	100.0
2	0.1	2	0.1	0	0.0	0	0.0	1,815	100.0
6	0.1	1	0.0	10	0.2	1	0.0	5,941	100.0
6	0.1	0	0.0	780	13.2	65	1.1	5,901	100.0
1	0.0	1	0.0	130	0.9	551	3.9	14,225	100.0
2	0.0	2	0.0	7	0.1	0	0.0	4,767	100.0
288	1.2	4	0.0	371	1.6	0	0.0	23,104	100.0
484	1.3	0	0.0	33	0.1	0	0.0	38,576	100.0
25	0.1	0	0.0	1	0.0	0	0.0	49,098 ^{ss}	100.0
—	—	—	—	1,303 ^{tt}	7.4	0	0.0	17,653	100.0
14	0.3	8	0.1	0	0.0	1	0.0	5,469	100.0
4	0.0	5	0.0	1,531 ^{***}	8.7	149	0.8	17,574	100.0
25	0.8	1	0.0	2	0.1	0	0.0	3,175	100.0
0	0.0	0	0.0	4	0.1	6	0.1	5,861 ^{tttt}	100.0
0	0.0	0	0.0	0	0.0	40	0.6	6,920	100.0
85	0.3	14	0.0	11	0.0	3	0.0	33,395	100.0
0	0.0	0	0.0	1	0.0	30	0.6	5,142	100.0
844	0.6	16	0.0	8,000	5.2	3,353	2.2	152,962	100.0
465	0.5	5	0.0	7,687	7.7	1,095	1.1	100,137	100.0
379	0.7	11	0.0	313	0.6	2,258	4.3	52,825	100.0
380	1.1	7	0.0	144	0.4	6	0.0	35,544	100.0
0	0.0	0	0.0	0	0.0	1	0.0	2,562	100.0
0	0.0	0	0.0	0	0.0	0	0.0	47,038 ^{tttt}	100.0
6	0.1	3	0.0	74	0.7	125	1.1	11,147	100.0
78	0.2	8	0.0	20	0.0	15	0.0	51,630	100.0
0	0.0	0	0.0	7	0.1	2	0.0	7,529	100.0

TABLE 12. Reported legal abortions, by type of procedure and state

State	Suction curettage		Sharp curettage		All curettage		Intrauterine saline instillation		In pro in
	No.	%	No.	%	No.	%	No.	%	
S. Carolina	12,937	99.6	1	0.0	12,938	99.6	1	0.0	
S. Dakota	862	99.7	1	0.1	863	99.8	0	0.0	
Tennessee	21,505	99.5	18	0.1	21,523	99.5	8	0.0	
Texas	84,342 ^{§§§}	99.4	—	—	84,342	99.4	449 ^{***}	0.5	
Utah	4,541 ^{§§§}	99.7	4	0.1	4,545	99.8	0	0.0	
Vermont	3,282	99.2	6	0.2	3,288	99.3	1	0.0	
Virginia	31,129	94.5	49	0.1	31,178	94.7	76	0.2	1
Washington	29,756 ^{§§§}	98.6	31	0.1	29,787	98.7	259	0.9	1
Wyoming	362	99.5	0	0.0	362	99.5	0	0.0	
TOTAL	792,657	92.6	32,588	3.8	825,245	96.4	7,479	0.9	3.2

*All states for which data are available (38), the District of Columbia, and New York.

[†]Includes instillation procedures not reported as a specific category and procedures reported as "other."

[§]Residents only.

[§]Includes abortions performed by both suction and sharp curettage.

^{**}Estimates using 1986 distribution.

^{††}Includes 369 intrauterine prostasaline procedures.

^{§§}Excludes 176 abortions for which information was not available.

^{***}Includes instillation procedures and hysterotomy/hysterectomy as "other."

^{***}Includes 1,521 "laminaria procedures" as "other."

^{†††}Does not add to total abortions reported because of some reported combined procedures.

^{§§§}Includes dilatation and evacuation procedures.

^{***}Reported as induction procedures.

—Not reported.

state of occurrence, selected states,* 1987 — Continued

Intrauterine prostaglandin instillation		Hysterotomy/ hysterectomy		Other [†]		Unknown		Total	
No.	%	No.	%	No.	%	No.	%	No.	%
47	0.4	2	0.0	2	0.0	2	0.0	12,992	100.0
0	0.0	0	0.0	2	0.2	0	0.0	865	100.0
66	0.3	8	0.0	13	0.1	3	0.0	21,621	100.0
—	—	10	0.0	—	—	31	0.0	84,832	100.0
1	0.0	0	0.0	9	0.2	1	0.0	4,556	100.0
4	0.1	0	0.0	17	0.5	0	0.0	3,310	100.0
131	0.4	18	0.1	74	0.2	1,453	4.4	32,930	100.0
117	0.4	5	0.0	3	0.0	1	0.0	30,172	100.0
0	0.0	0	0.0	0	0.0	2	0.5	364	100.0
3,245	0.4	143	0.0	13,127	1.5	7,150	0.8	856,389	100.0

and New York City.

and procedures reported as "other."

ther."

combination procedures.

TABLE 13. Percentage distribution and abortion ratios, by race, 1986 and 1987

Year	Race			Total
	White	Black/other	Unknown	
% Distribution*				
1986	64.2	31.6	4.2	100.0
1987	63.6	32.2	4.2	100.0
Abortion ratios†				
1986	269	488		318
1987	267	500		319

*1986 based on 679,627 abortions from 34 states; 1987 based on 717,555 abortions from 36 states.

†Calculated as the number of legal abortions obtained by women of a given race per 1,000 live births to women of the same race. "Unknown" race for each state is distributed according to known race distribution for that state. Excludes states reporting race unknown for more than 15% of women having abortions.

TABLE 14. Percentage distribution and abortion ratios, by marital status, 1986 and 1987

Year	Marital Status			Total
	Married	Unmarried	Unknown	
% Distribution*				
1986	22.5	73.0	4.5	100.0
1987	26.2	69.9	3.9	100.0
Abortion ratios†				
1986	102	958		320
1987	96	1,019		317

*1986 based on 730,765 abortions from 36 states; 1987 based on 774,137 abortions from 38 states.

†Calculated as the number of legal abortions obtained by women of a given marital status per 1,000 live births to women of the same marital status. "Unknown" marital status for each state is distributed according to known marital status distribution for that state. Excludes states reporting marital status unknown for more than 15% of women having abortions.

TABLE 15. Percentage distribution and abortion ratios, by number of previous live births, 1986 and 1987

Year	Live births					Unknown	Total
	0	1	2	3	≥ 4		
% Distribution*							
1986	53.0	21.2	14.3	5.1	2.5	3.9	100.0
1987	51.4	21.8	14.9	5.2	2.6	4.1	100.0
Abortion ratios†							
1986	415	215	305	297	224		318
1987	410	222	315	309	247		321

*1986 based on 722,050 abortions from 35 states; 1987 based on 751,156 abortions from 36 states.

†Calculated as the number of legal abortions obtained by women with a particular number of live births per 1,000 live births to women with the same number of live births. "Unknown" number of live births for each state is distributed according to known number of live births for that state. Excludes states reporting number of live births unknown for more than 15% of women having abortions.

TABLE 16. Percentage distribution of reported legal abortions, by number of previous induced abortions, 1986 and 1987

Year	Previous induced abortions					Total
	0	1	2	≥ 3	Unknown	
	% Distribution*					
1986	55.4	24.7	8.9	4.8	6.1	100.0
1987	55.0	25.0	9.6	4.7	5.7	100.0

*1986 based on 666,116 abortions from 34 states; 1987 based on 731,464 abortions from 36 states.

TABLE 17. Number and percentage of reported legal abortions, by race, age group, and marital status, 1986

Age group, marital status	Race					
	White		Black/other		Total	
	No.	%	No.	%	No.	%
Age group (years)						
<15	2,448	0.6	3,196	1.7	5,644	1.0
15-19	97,440	24.8	42,399	22.3	139,839	24.0
20-24	135,561	34.5	64,167	33.7	199,728	34.2
25-29	83,312	21.2	43,772	23.0	127,084	21.8
30-34	45,057	11.5	23,667	12.4	68,724	11.8
35-39	23,182	5.9	10,842	5.7	34,024	5.8
≥ 40	6,098	1.6	2,404	1.3	8,502	1.5
TOTAL (30 states)	393,098	100.0	190,447	100.0	583,545	100.0
Marital status						
Married	95,439	24.7	41,411	22.3	136,850	23.9
Unmarried	291,737	75.3	144,418	77.7	436,155	76.1
TOTAL (30 states)	387,176	100.0	185,829	100.0	573,005	100.0

TABLE 18. Number and percentage of reported legal abortions, by race, age group, and marital status, 1987

Age group, marital status	Race					
	White		Black/other		Total	
	No.	%	No.	%	No.	%
Age group (years)						
<15	2,949	0.8	3,180	1.6	6,129	1.0
15-19	100,615	25.7	43,908	22.4	144,523	24.6
20-24	131,018	33.5	66,090	33.7	197,108	33.6
25-29	81,948	20.9	44,479	22.7	126,427	21.5
30-34	45,726	11.7	24,542	12.5	70,268	12.0
35-39	22,784	5.8	11,116	5.7	33,900	5.8
≥ 40	6,188	1.6	2,672	1.4	8,860	1.5
TOTAL (31 states)	391,228	100.0	195,987	100.0	587,215	100.0
Marital Status						
Married	92,136	23.8	43,628	22.7	135,764	23.4
Unmarried	294,260	76.2	148,944	77.3	443,204	76.6
TOTAL (31 states)	386,396	100.0	192,572	100.0	578,968	100.0

TABLE 19. Number and percentage of reported legal abortions, by

Procedure, age group, race	≤8		9-10		11-12
	No.	%	No.	%	No.
Type of procedure					
Curettage (suction and sharp)	331,547	99.7	177,116	99.6	83,566
Intrauterine saline instillation	161	0.0*	124	0.1	257
Intrauterine prostaglandin instillation	44	0.0*	31	0.0*	63
Hysterotomy/ hysterectomy	53	0.0*	20	0.0*	11
Other	802	0.2	495	0.3	1,235
TOTAL (35 states)	332,607	100.0	177,786	100.0	85,132
Age group (years)					
<15	1,922	0.6	1,478	0.9	1,014
15-19	60,332	19.6	41,221	25.3	22,891
20-24	102,533	33.3	57,191	35.1	27,858
25-29	73,153	23.8	34,609	21.2	15,365
30-34	42,673	13.9	17,712	10.9	7,267
35-39	21,674	7.0	8,679	5.3	3,216
≥40	5,298	1.7	2,119	1.3	801
TOTAL (33 states)	307,585	100.0	163,009	100.0	78,412
Race					
White	196,578	70.0	98,615	66.8	45,684
Black/other	84,246	30.0	49,118	33.2	26,327
TOTAL (30 states)	280,824	100.0	147,733	100.0	72,011

* < 0.05%

as, by weeks of gestation, procedure, age group, and race, 1986

Weeks of gestation									
11-12		13-15		16-20		≥ 21		Total	
No.	%	No.	%	No.	%	No.	%	No.	%
66	98.2	38,228	89.3	17,528	61.6	2,784	44.7	650,769	96.7
57	0.3	864	2.0	4,584	16.1	1,530	24.6	7,520	1.1
63	0.1	249	0.6	1,400	4.9	321	5.2	2,108	0.3
11	0.0*	16	0.0*	28	0.1	12	0.2	140	0.0*
35	1.5	3,455	8.1	4,894	17.2	1,579	25.4	12,460	1.9
32	100.0	42,812	100.0	28,434	100.0	6,226	100.0	672,997	100.0
14	1.3	676	1.8	627	2.5	152	2.7	5,869	0.9
91	29.2	12,992	33.8	8,917	35.0	2,216	39.0	148,569	24.0
58	35.5	13,284	34.6	8,652	34.0	1,800	31.7	211,318	34.2
65	19.6	6,638	17.3	4,192	16.5	810	14.3	134,767	21.8
67	9.3	3,143	8.2	1,825	7.2	391	6.9	73,011	11.8
16	4.1	1,343	3.5	962	3.8	235	4.1	36,109	5.8
01	1.0	348	0.9	276	1.1	76	1.3	8,918	1.4
12	100.0	38,424	100.0	25,451	100.0	5,680	100.0	618,561	100.0
84	63.4	21,429	61.0	13,534	57.3	3,095	58.0	378,935	67.1
27	36.6	13,694	39.0	10,071	42.7	2,244	42.0	185,700	32.9
11	100.0	35,123	100.0	23,605	100.0	5,339	100.0	564,635	100.0

TABLE 20. Number and percentage of reported legal abortions, by w

Procedure, age group, race	W					
	≤8		9-10		11-12	
	No.	%	No.	%	No.	%
Type of procedure						
Curettage (suction and sharp)	300,457	99.7	162,438	99.6	77,692	98.0
Intrauterine saline instillation	110	0.0*	87	0.1	174	0.2
Intrauterine prostaglandin instillation	70	0.0*	35	0.0*	98	0.1
Hysterotomy/ hysterectomy	37	0.0*	16	0.0*	21	0.0
Other	544	0.2	538	0.3	1,264	1.6
TOTAL (33 states)	301,218	100.0	163,114	100.0	79,249	100.0
Age group (years)						
<15	2,174	0.7	1,628	0.9	1,119	1.4
15-19	65,575	20.4	44,420	25.8	24,621	29.7
20-24	105,110	32.7	59,007	34.2	28,823	34.8
25-29	75,365	23.5	36,322	21.1	16,019	19.3
30-34	44,911	14.0	19,472	11.3	7,813	9.4
35-39	22,423	7.0	9,106	5.3	3,490	4.2
≥40	5,807	1.8	2,361	1.4	935	1.1
TOTAL (35 states)	321,365	100.0	172,316	100.0	82,820	100.0
Race						
White	199,632	69.6	101,856	66.6	47,263	62.8
Black/other	87,366	30.4	50,980	33.4	28,009	37.2
TOTAL (31 states)	286,998	100.0	152,836	100.0	75,272	100.0

* < 0.05%

by weeks of gestation, procedure, age group, and race, 1987

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Weeks of gestation								
12	13-15		16-20		≥21		Total	
%	No.	%	No.	%	No.	%	No.	%
98.0	35,366	89.5	16,527	63.0	3,192	50.7	595,672	96.8
0.2	570	1.4	3013	11.5	963	15.3	4,917	0.8
0.1	316	0.8	1,611	6.1	416	6.6	2,546	0.4
0.0*	16	0.0*	31	0.1	6	0.1	127	0.0*
1.6	3,237	8.2	5,072	19.3	1720	27.3	12,375	2.0
100.0	39,505	100.0	26,254	100.0	6,297	100.0	615,637	100.0
1.4	748	1.8	659	2.4	220	3.4	6,548	1.0
29.7	13,584	33.2	9,853	36.3	2,402	37.0	160,455	24.6
34.8	14,140	34.6	8,921	32.8	2,074	31.9	218,075	33.5
19.3	7,196	17.6	4,354	16.0	957	14.7	140,213	21.5
9.4	3,357	8.2	2,064	7.6	502	7.7	78,119	12.0
4.2	1,469	3.6	1,029	3.8	256	3.9	37,773	5.8
1.1	391	1.0	297	1.1	85	1.3	9,876	1.5
100.0	40,885	100.0	27,177	100.0	6,496	100.0	651,059	100.0
62.8	21,824	59.2	14,120	57.1	3,619	60.7	388,314	66.6
37.2	15,019	40.8	10,626	42.9	2,344	39.3	194,344	33.4
100.0	36,843	100.0	24,746	100.0	5,963	100.0	582,658	100.0



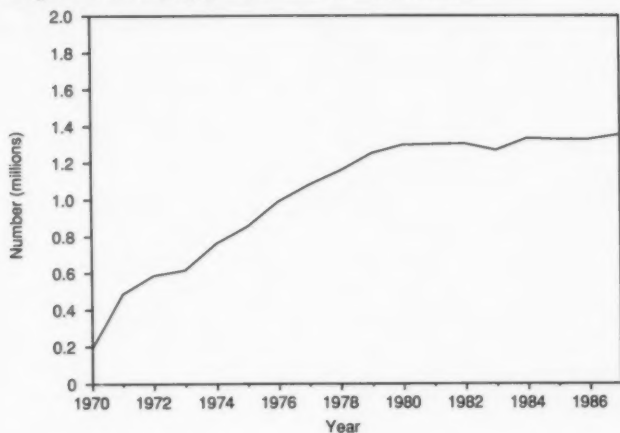
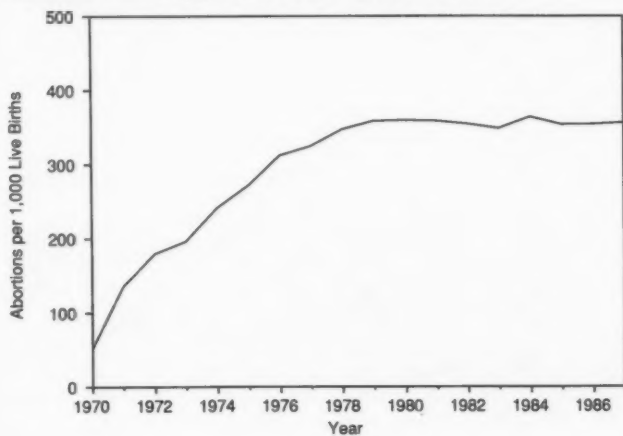
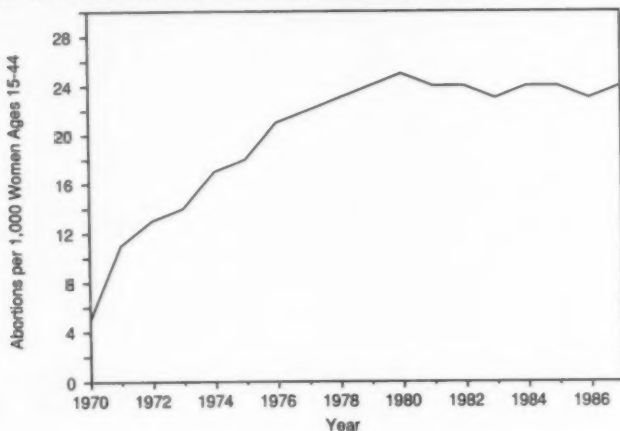
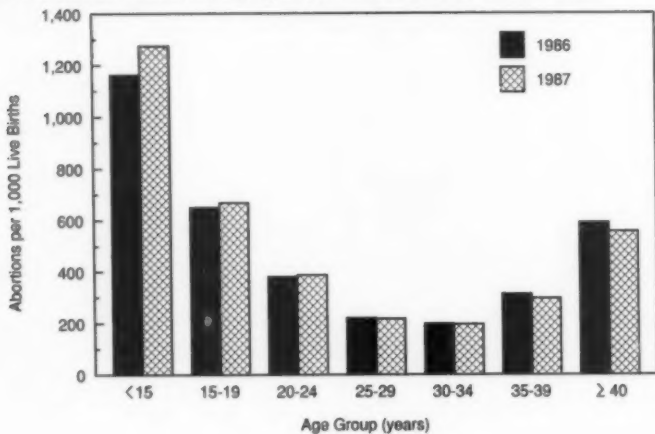
FIGURE 1. Legal abortions, by year, United States, 1970-1987**FIGURE 2. Abortion ratios, by year, United States, 1970-1987**

FIGURE 3. Abortion rates, by year, United States, 1970-1987**FIGURE 4. Abortion ratios, by age group, United States, 1986 and 1987**

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